


## Annex B2 - Product environmental attributes Computers and computer monitors


The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	acer	Logo 
Company name *	Acer Inc	
Contact information * e-mail address	Name: RU Jan e-mail: RU.Jan@acer.com	
Internet site *	www.acer.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	Desktop Computer
Commercial name *	N50-640
Model number *	N50-640
Issue date *	2023-10-18
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	


This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

<b>About Annex B2</b>  Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template: P4.1 – P4.3 Consumable materials P9.1 TEC and Print speed P10.2 - P10.3 Chemical emissions from printing products P11.1 - P11.3 Consumable materials for printing products.
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Model number *	N50-640	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1</b>	<b>Hazardous substances and preparations</b>			
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="https://www.acer-group.com/sustainability/en/chemical-management-plans.html">https://www.acer-group.com/sustainability/en/chemical-management-plans.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2</b>	<b>Batteries</b>			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3</b>	<b>Conformity verification &amp; Eco design (ErP)</b>			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference). Required information is; <input type="checkbox"/> given in item P15 or added to this document, <input checked="" type="checkbox"/> available at (add URL): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5</b>	<b>Product packaging</b>			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6</b>	<b>Treatment information</b>			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	N50-640	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (See General NOTE GN below)			
- Environmental conscious design			Requirement met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No n.a.
<b>P7 Design</b>			
<b>Disassembly, recycling</b>			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Product lifetime</b>			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.9	Spare parts are available after end of production for: years		<input type="checkbox"/>
P7.10	Service is available after end of production for: years		<input type="checkbox"/>
<b>Material and substance requirements</b>			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <b>PC+ABS</b> Material type: <b>SGCC (Steel Galvanized Cold rolled Coil)</b> Material type:		
P7.12	Insulation materials of external electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.13	Insulation materials of internal electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all <input type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See 1NOTE B2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: <b>&gt;PC+ABS-FR(40)&lt;</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.17	<u>Alt. 1:</u> Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input checked="" type="checkbox"/> (See NOTE B3), Other; chemical name: , CAS #: <u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.18	<u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: " 3. Chemical name: , CAS #: " <u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)): , (See note B5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of recycled material is g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.


NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.



Model number *	N50-640	Logo	
Issue date *	2023-10-18		


Product environmental attributes - Market requirements (continued)	Requirement met		
Item	Yes	No	n.a.

Material and substance requirements (continued)				
P7.21*	Biobased plastic material content is used in the product (See NOTE B7):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of the biobased plastic material is g.			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp. If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>P8 Batteries</b>				
P8.1*	Battery chemical composition: <i>Li metal 3V (coin type)</i>			<input type="checkbox"/>
<b>P9 Energy consumption (See NOTE B8)</b>				
P9.1 For the product the following power levels or energy consumptions are reported:				
Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method * <input type="checkbox"/>
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)				
PTEC * Typical Energy Consumption	11.4 W	11.3 W	11.6 W	ENERGY STAR V8.0 <input type="checkbox"/>
ETEC * Annual Energy Consumption	99.79 kWh/year	88.40 kWh/year	101.66 kWh/year	ENERGY STAR V8.0 <input type="checkbox"/>
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :				<input checked="" type="checkbox"/>
Display resolution * : megapixels				<input checked="" type="checkbox"/>
Default time to enter energy save mode: 10 minutes				<input type="checkbox"/>
P9.2* Information about the energy save function is provided with the product.				<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
P9.3 Energy efficiency class (monitors only):				<input checked="" type="checkbox"/>
<b>P10 Emissions</b>				
<b>Noise emission – Declared according to ISO 9296 (See NOTE B9)</b>				
P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, $L_{WA,C}$ (B)	Declared A-weighted sound pressure level, $L_{pAm}$ (dB)
	Idle	* Idle	* 3.3	26.0 <input type="checkbox"/>
	Operation	* HDD Random Seek	* 3.6	29.5 <input type="checkbox"/>
	Other mode			
Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74)				

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B9 A Guidance document on Acoustic Noise is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

Model number *	N50-640			Logo	
Issue date *	2023-10-18				

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>Electromagnetic emissions</b>				
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <i>Papers</i> weight (kg): <i>0.857</i> ( <i>Cartons, Pulp, Accessory box, Card Board, manual, etc.</i> ) Product packaging material type(s): <i>Plastic (PE bags, etc.)</i> weight (kg): <i>0.440</i> Product packaging material type(s): weight (kg):			
P13.2*	Product plastic primary packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>80</i> %			<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): Electronic <input type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify: Totally chlorine-free Elemental chlorine-free Processed chlorine-free	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	
<b>P14 Voluntary programs</b>				
P14.1	The product meets the requirements of the following voluntary program(s):  ENERGY STAR® Criteria version: <i>8.0</i> Date: Product category: <i>I2, D2</i> Eco-label: Criteria version: Date: Product category: Eco-label: Criteria version: Date: Product category:			
<b>P15 Additional information (See NOTE B10)</b>				
P9	<b>Energy consumption of computer products; description of the tested product configuration:</b>			

NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII)	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC ( Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1


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Ecma/TC38-TG3/2015/026  
(Rev. 1 – 15 April 2015)

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Brand *	acer	Logo  
Company name *	Acer Inc	
Contact information * e-mail address	Name: RU Jan e-mail: RU.Jan@acer.com	
Internet site *	www.acer.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	Desktop Computer
Commercial name *	ATC-1750
Model number *	ATC-1750
Issue date *	2023-10-18
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	

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<b>About Annex B2</b>  Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template: P4.1 – P4.3 Consumable materials P9.1 TEC and Print speed P10.2 - P10.3 Chemical emissions from printing products P11.1 - P11.3 Consumable materials for printing products.
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Model number *	ATC-1750	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1</b>	<b>Hazardous substances and preparations</b>			
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="https://www.acer-group.com/sustainability/en/chemical-management-plans.html">https://www.acer-group.com/sustainability/en/chemical-management-plans.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2</b>	<b>Batteries</b>			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3</b>	<b>Conformity verification &amp; Eco design (ErP)</b>			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference). Required information is; <input type="checkbox"/> given in item P15 or added to this document, <input checked="" type="checkbox"/> available at (add URL): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5</b>	<b>Product packaging</b>			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6</b>	<b>Treatment information</b>			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	ATC-1750	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (See General NOTE GN below)				
- Environmental conscious design		Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P7	<b>Design</b>			
	<b>Disassembly, recycling</b>			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Product lifetime</b>			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.9	Spare parts are available after end of production for:                      years			<input type="checkbox"/>
P7.10	Service is available after end of production for:                      years			<input type="checkbox"/>
	<b>Material and substance requirements</b>			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <b>PC+ABS</b> Material type: <b>SGCC (Steel Galvanized Cold rolled Coil)</b> Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13	Insulation materials of internal electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all <input type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See 1NOTE B2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: <b>&gt;PC+ABS-FR(40)&lt;</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	<u>Alt. 1:</u> Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input checked="" type="checkbox"/> (See NOTE B3), Other; chemical name:                      , CAS #: <u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.18	<u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name:                      , CAS #:                      (See NOTE B4) 2. Chemical name:                      , CAS #:                      " 3. Chemical name:                      , CAS #:                      " <u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases;                      and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)):                      ,                      (See note B5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is                      %. or b) The weight of recycled material is                      g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.


NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.



Model number *	ATC-1750	Logo	
Issue date *	2023-10-18		


Product environmental attributes - Market requirements (continued)	Requirement met		
Item	Yes	No	n.a.

Material and substance requirements (continued)				
P7.21*	Biobased plastic material content is used in the product (See NOTE B7):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of the biobased plastic material is g.			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp. If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>P8 Batteries</b>				
P8.1*	Battery chemical composition: <i>Li metal 3V (coin type)</i>			<input type="checkbox"/>
<b>P9 Energy consumption (See NOTE B8)</b>				
P9.1 For the product the following power levels or energy consumptions are reported:				
Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method *
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)				
PTEC * Typical Energy Consumption	11.4 W	11.3 W	11.6 W	ENERGY STAR V8.0 <input type="checkbox"/>
ETEC * Annual Energy Consumption	99.79 kWh/year	99.40 kWh/year	101.66 kWh/year	ENERGY STAR V8.0 <input type="checkbox"/>
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :				<input checked="" type="checkbox"/>
Display resolution * : megapixels				<input checked="" type="checkbox"/>
Default time to enter energy save mode: 10 minutes				<input type="checkbox"/>
P9.2* Information about the energy save function is provided with the product.				<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
P9.3 Energy efficiency class (monitors only):				<input checked="" type="checkbox"/>
<b>P10 Emissions</b>				
<b>Noise emission – Declared according to ISO 9296 (See NOTE B9)</b>				
P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, $L_{WA,C}$ (B)	Declared A-weighted sound pressure level, $L_{pAm}$ (dB)
	Idle	* Idle	* 3.0	21.7 <input type="checkbox"/>
	Operation	* HDD Random Seek	* 3.1	22.2 <input type="checkbox"/>
	Other mode			
Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74)				

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B9 A Guidance document on Acoustic Noise is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

Model number *	ATC-1750			Logo	
Issue date *	2023-10-18				

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>P10 Electromagnetic emissions</b>				
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <i>Papers</i> weight (kg): <i>0.842</i> ( <i>Cartons, Pulp, Accessory box, Card Board, manual, etc.</i> ) Product packaging material type(s): <i>Plastic (PE bags, etc.)</i> weight (kg): <i>0.2185</i> Product packaging material type(s): weight (kg):			
P13.2*	Product plastic primary packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>80</i> %			<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): Electronic <input type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify: Totally chlorine-free Elemental chlorine-free Processed chlorine-free	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	
<b>P14 Voluntary programs</b>				
P14.1	The product meets the requirements of the following voluntary program(s):  ENERGY STAR® Criteria version: <i>8.0</i> Date: Product category: <i>I2, D2</i> Eco-label: Criteria version: Date: Product category: Eco-label: Criteria version: Date: Product category:			
<b>P15 Additional information (See NOTE B10)</b>				
P9	<b>Energy consumption of computer products; description of the tested product configuration:</b>			


NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII)	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC ( Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1

## Annex B2 - Product environmental attributes Computers and computer monitors


The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	acer	Logo 
Company name *	Acer Inc	
Contact information * e-mail address	Name: RU Jan e-mail: RU.Jan@acer.com	
Internet site *	www.acer.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	Desktop Computer
Commercial name *	ATC-1760
Model number *	ATC-1760
Issue date *	2023-10-18
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.


<b>About Annex B2</b>  Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template: P4.1 – P4.3 Consumable materials P9.1 TEC and Print speed P10.2 - P10.3 Chemical emissions from printing products P11.1 - P11.3 Consumable materials for printing products.
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Model number *	ATC-1760	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1</b>	<b>Hazardous substances and preparations</b>			
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="https://www.acer-group.com/sustainability/en/chemical-management-plans.html">https://www.acer-group.com/sustainability/en/chemical-management-plans.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2</b>	<b>Batteries</b>			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3</b>	<b>Conformity verification &amp; Eco design (ErP)</b>			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference). Required information is; <input type="checkbox"/> given in item P15 or added to this document, <input checked="" type="checkbox"/> available at (add URL): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5</b>	<b>Product packaging</b>			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6</b>	<b>Treatment information</b>			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.



Model number *	ATC-1760	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (See General NOTE GN below)			
- Environmental conscious design		Requirement met	
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No n.a.
<b>P7 Design</b>			
<b>Disassembly, recycling</b>			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Product lifetime</b>			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.9	Spare parts are available after end of production for: years		<input type="checkbox"/>
P7.10	Service is available after end of production for: years		<input type="checkbox"/>
<b>Material and substance requirements</b>			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <b>PC+ABS</b> Material type: <b>SGCC (Steel Galvanized Cold rolled Coil)</b> Material type:		
P7.12	Insulation materials of external electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.13	Insulation materials of internal electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all <input type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See 1NOTE B2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: <b>&gt;PC+ABS-FR(40)&lt;</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.17	<u>Alt. 1:</u> Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input checked="" type="checkbox"/> (See NOTE B3), Other; chemical name: , CAS #: <u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.18	<u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: " 3. Chemical name: , CAS #: " <u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)): , (See note B5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of recycled material is g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.


NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.



Model number *	ATC-1760	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.

<b>Material and substance requirements (continued)</b>
--

P7.21*	Biobased plastic material content is used in the product (See NOTE B7):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of the biobased plastic material is g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp. If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>P8 Batteries</b>
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P8.1*	Battery chemical composition: <i>Li metal 3V (coin type)</i>	<input type="checkbox"/>
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<b>P9 Energy consumption (See NOTE B8)</b>
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P9.1 For the product the following power levels or energy consumptions are reported:

Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method *	<input type="checkbox"/>
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)					
PTEC * Typical Energy Consumption	11.4 W	11.3 W	11.6 W	ENERGY STAR V8.0	<input type="checkbox"/>
ETEC * Annual Energy Consumption	99.79 kWh/year	99.40 kWh/year	101.66 kWh/year	ENERGY STAR V8.0	<input type="checkbox"/>
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :					<input checked="" type="checkbox"/>
Display resolution * : megapixels					<input checked="" type="checkbox"/>
Default time to enter energy save mode: 10 minutes					<input type="checkbox"/>
P9.2*	Information about the energy save function is provided with the product.			<input checked="" type="checkbox"/>	<input type="checkbox"/>
P9.3	Energy efficiency class (monitors only):				<input checked="" type="checkbox"/>

<b>P10 Emissions</b>
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<b>Noise emission – Declared according to ISO 9296 (See NOTE B9)</b>
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P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, $L_{WA,C}$ (B)	Declared A-weighted sound pressure level, $L_{pAm}$ (dB)	
	Idle	* Idle	* 3.0	21.7	<input type="checkbox"/>
	Operation	* HDD Random Seek	* 3.1	22.2	<input type="checkbox"/>
	Other mode				
	Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74)				

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B9 A Guidance document on Acoustic Noise is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

Model number *	ATC-1760			Logo	
Issue date *	2023-10-18				

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>Electromagnetic emissions</b>				
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <i>Papers</i> weight (kg): <i>0.842</i> <i>(Cartons, Pulp, Accessory box, Card Board, manual, etc.)</i> Product packaging material type(s): <i>Plastic (PE bags, etc.)</i> weight (kg): <i>0.2185</i> Product packaging material type(s): weight (kg):			
P13.2*	Product plastic primary packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>80</i> %			<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): Electronic <input type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: <input checked="" type="checkbox"/> <input type="checkbox"/> If Yes, please specify: Totally chlorine-free <input checked="" type="checkbox"/> Elemental chlorine-free <input type="checkbox"/> Processed chlorine-free <input type="checkbox"/>			
<b>P14 Voluntary programs</b>				
P14.1	The product meets the requirements of the following voluntary program(s):  ENERGY STAR® Criteria version: <i>8.0</i> Date: Product category: <i>I2, D2</i> Eco-label: Criteria version: Date: Product category: Eco-label: Criteria version: Date: Product category:			
<b>P15 Additional information (See NOTE B10)</b>				
P9	<b>Energy consumption of computer products; description of the tested product configuration:</b>			


NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII)	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC ( Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1

## Annex B2 - Product environmental attributes Computers and computer monitors


The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	acer	Logo 
Company name *	Acer Inc	
Contact information * e-mail address	Name: RU Jan e-mail: RU.Jan@acer.com	
Internet site *	www.acer.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	Desktop Computer
Commercial name *	AXC-1750
Model number *	AXC-1750
Issue date *	2023-10-18
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	


This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

<b>About Annex B2</b>  Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template: P4.1 – P4.3 Consumable materials P9.1 TEC and Print speed P10.2 - P10.3 Chemical emissions from printing products P11.1 - P11.3 Consumable materials for printing products.
--

Model number *	AXC-1750	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1</b>	<b>Hazardous substances and preparations</b>			
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="https://www.acer-group.com/sustainability/en/chemical-management-plans.html">https://www.acer-group.com/sustainability/en/chemical-management-plans.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2</b>	<b>Batteries</b>			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3</b>	<b>Conformity verification &amp; Eco design (ErP)</b>			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference). Required information is; <input type="checkbox"/> given in item P15 or added to this document, <input checked="" type="checkbox"/> available at (add URL): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5</b>	<b>Product packaging</b>			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6</b>	<b>Treatment information</b>			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	AXC-1750	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (See General NOTE GN below)			
- Environmental conscious design		Requirement met	
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No n.a.
<b>P7 Design</b>			
<b>Disassembly, recycling</b>			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Product lifetime</b>			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.9	Spare parts are available after end of production for: years		<input type="checkbox"/>
P7.10	Service is available after end of production for: years		<input type="checkbox"/>
<b>Material and substance requirements</b>			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <b>PC+ABS</b> Material type: <b>SGCC (Steel Galvanized Cold rolled Coil)</b> Material type:		
P7.12	Insulation materials of external electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.13	Insulation materials of internal electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all <input type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See 1NOTE B2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: <b>&gt;PC+ABS-FR(40)&lt;</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input checked="" type="checkbox"/> (See NOTE B3), Other; chemical name: , CAS #: Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: " 3. Chemical name: , CAS #: " Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)): , (See note B5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of recycled material is g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.


NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.





Model number *	AXC-1750	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (continued)	Requirement met		
Item	Yes	No	n.a.

<b>Material and substance requirements (continued)</b>
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P7.21*	Biobased plastic material content is used in the product (See NOTE B7):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of the biobased plastic material is g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp. If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>P8 Batteries</b>
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P8.1*	Battery chemical composition: <i>Li metal 3V (coin type)</i>	<input type="checkbox"/>
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<b>P9 Energy consumption (See NOTE B8)</b>
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P9.1 For the product the following power levels or energy consumptions are reported:

Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method *	<input type="checkbox"/>
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)					
PTEC * Typical Energy Consumption	11.4 W	11.3 W	11.6 W	ENERGY STAR V8.0	<input type="checkbox"/>
ETEC * Annual Energy Consumption	99.79 kWh/year	99.40 kWh/year	101.66 kWh/year	ENERGY STAR V8.0	<input type="checkbox"/>
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :					<input checked="" type="checkbox"/>
Display resolution * : megapixels					<input checked="" type="checkbox"/>
Default time to enter energy save mode: 10 minutes					<input type="checkbox"/>
P9.2*	Information about the energy save function is provided with the product.			<input checked="" type="checkbox"/>	<input type="checkbox"/>
P9.3	Energy efficiency class (monitors only):				<input checked="" type="checkbox"/>

<b>P10 Emissions</b>
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<b>Noise emission – Declared according to ISO 9296 (See NOTE B9)</b>
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P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, $L_{WA,C}$ (B)	Declared A-weighted sound pressure level, $L_{pAm}$ (dB)	
	Idle	* Idle	* 3.0	21.2	<input type="checkbox"/>
	Operation	* HDD Random Seek	* 3.0	21.3	<input type="checkbox"/>
	Other mode				
	Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74)				

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B9 A Guidance document on Acoustic Noise is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

Model number *	AXC-1750			Logo	
Issue date *	2023-10-18				

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>Electromagnetic emissions</b>				
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <i>Papers</i> weight (kg): <i>0.720</i> ( <i>Cartons, Pulp, Accessory box, Card Board, manual, etc.</i> ) Product packaging material type(s): <i>Plastic (PE bags, etc.)</i> weight (kg): <i>0.1887</i> Product packaging material type(s): weight (kg):			
P13.2*	Product plastic primary packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>80</i> %			<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): Electronic <input type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify: Totally chlorine-free Elemental chlorine-free Processed chlorine-free	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	
<b>P14 Voluntary programs</b>				
P14.1	The product meets the requirements of the following voluntary program(s):  ENERGY STAR® Criteria version: <i>8.0</i> Date: Product category: <i>I2, D2</i> Eco-label: Criteria version: Date: Product category: Eco-label: Criteria version: Date: Product category:			
<b>P15 Additional information (See NOTE B10)</b>				
P9	<b>Energy consumption of computer products; description of the tested product configuration:</b>			


NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006 (REACH, Annex XVII)	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1

## Annex B2 - Product environmental attributes Computers and computer monitors


The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	acer	Logo 
Company name *	Acer Inc	
Contact information * e-mail address	Name: RU Jan e-mail: RU.Jan@acer.com	
Internet site *	www.acer.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	Desktop Computer
Commercial name *	AXC-1760
Model number *	AXC-1760
Issue date *	2023-10-18
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	


This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

<b>About Annex B2</b>  Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template: P4.1 – P4.3 Consumable materials P9.1 TEC and Print speed P10.2 - P10.3 Chemical emissions from printing products P11.1 - P11.3 Consumable materials for printing products.
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Model number *	AXC-1760	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1</b>	<b>Hazardous substances and preparations</b>			
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="https://www.acer-group.com/sustainability/en/chemical-management-plans.html">https://www.acer-group.com/sustainability/en/chemical-management-plans.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2</b>	<b>Batteries</b>			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3</b>	<b>Conformity verification &amp; Eco design (ErP)</b>			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference). Required information is; <input type="checkbox"/> given in item P15 or added to this document, <input checked="" type="checkbox"/> available at (add URL): <a href="http://www.acer.com">www.acer.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5</b>	<b>Product packaging</b>			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6</b>	<b>Treatment information</b>			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	AXC-1760	Logo	
Issue date *	2023-10-18		

Product environmental attributes - Market requirements (See General NOTE GN below)				
- Environmental conscious design		Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P7	<b>Design</b>			
	<b>Disassembly, recycling</b>			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Product lifetime</b>			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.9	Spare parts are available after end of production for:                      years			<input type="checkbox"/>
P7.10	Service is available after end of production for:                      years			<input type="checkbox"/>
	<b>Material and substance requirements</b>			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: <b>PC+ABS</b> Material type: <b>SGCC (Steel Galvanized Cold rolled Coil)</b> Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13	Insulation materials of internal electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all <input type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See 1NOTE B2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: <b>&gt;PC+ABS-FR(40)&lt;</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	<u>Alt. 1:</u> Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input checked="" type="checkbox"/> (See NOTE B3), Other; chemical name:                      , CAS #: <u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.18	<u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name:                      , CAS #:                      (See NOTE B4) 2. Chemical name:                      , CAS #:                      " 3. Chemical name:                      , CAS #:                      " <u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases;                      and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)):                      ,                      (See note B5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):  If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is                      %. or b) The weight of recycled material is                      g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.


NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.





Model number *	AXC-1760	Logo	
Issue date *	2023-10-18		


Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.

Material and substance requirements (continued)				
P7.21*	Biobased plastic material content is used in the product (See NOTE B7): <div><div><input type="checkbox"/></div><div><input checked="" type="checkbox"/></div><div><input type="checkbox"/></div></div> <div>If YES; at least one of the two alternatives below shall be answered;<div>a) Of total plastic parts' weight &gt; 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %.<div>or</div><div>b) The weight of the biobased plastic material is g.</div></div></div>			
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp. <div>If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg</div> <div><div><input type="checkbox"/></div><div><input type="checkbox"/></div><div><input checked="" type="checkbox"/></div></div>			
P8 Batteries				
P8.1*	Battery chemical composition: <i>Li metal 3V (coin type)</i> <div><div><input type="checkbox"/></div></div>			
P9 Energy consumption (See NOTE B8)				
P9.1	For the product the following power levels or energy consumptions are reported:			
Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method * <div><input type="checkbox"/></div>
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)				
PTEC * Typical Energy Consumption	11.4 W	11.3 W	11.6 W	ENERGY STAR V8.0 <div><input type="checkbox"/></div>
ETEC * Annual Energy Consumption	99.79 kWh/year	99.40 kWh/year	101.66 kWh/year	ENERGY STAR V8.0 <div><input type="checkbox"/></div>
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :				<div><input checked="" type="checkbox"/></div>
Display resolution * : megapixels				<div><input checked="" type="checkbox"/></div>
Default time to enter energy save mode: 10 minutes				<div><input type="checkbox"/></div>
P9.2*	Information about the energy save function is provided with the product.			<div><div><input checked="" type="checkbox"/></div><div><input type="checkbox"/></div><div><input type="checkbox"/></div></div>
P9.3	Energy efficiency class (monitors only):			<div><input checked="" type="checkbox"/></div>
P10 Emissions				
Noise emission – Declared according to ISO 9296 (See NOTE B9)				
P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, $L_{WA,c}$ (B)	Declared A-weighted sound pressure level, $L_{pAm}$ (dB)
	Idle	* Idle	* 3.0	21.2 <div><input type="checkbox"/></div>
	Operation	* HDD Random Seek	* 3.0	21.3 <div><input type="checkbox"/></div>
	Other mode			
Measured according to: <div><div><input checked="" type="checkbox"/></div> ISO 7779 <div><input type="checkbox"/></div> ECMA-74</div> <div><div><input type="checkbox"/></div> Other (only if not covered by ECMA-74)</div>				

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B9 A Guidance document on Acoustic Noise is available;  
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

Model number *	AXC-1760			Logo	
Issue date *	2023-10-18				

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>Electromagnetic emissions</b>				
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <i>Papers</i> weight (kg): <i>0.720</i> ( <i>Cartons, Pulp, Accessory box, Card Board, manual, etc.</i> ) Product packaging material type(s): <i>Plastic (PE bags, etc.)</i> weight (kg): <i>0.1887</i> Product packaging material type(s): weight (kg):			
P13.2*	Product plastic primary packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>80</i> %			<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): Electronic <input type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify: Totally chlorine-free Elemental chlorine-free Processed chlorine-free	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	
<b>P14 Voluntary programs</b>				
P14.1	The product meets the requirements of the following voluntary program(s):  ENERGY STAR® Criteria version: <i>8.0</i> Date: Product category: <i>I2, D2</i> Eco-label: Criteria version: Date: Product category: Eco-label: Criteria version: Date: Product category:			
<b>P15 Additional information (See NOTE B10)</b>				
P9	<b>Energy consumption of computer products; description of the tested product configuration:</b>			

NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006 (REACH, Annex XVII)	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1



## DECLARATION of REACH COMPLIANCE

**Taipei, Taiwan – Mar. 22, 2023**

As part of our continuous efforts to safeguard a clean environment, we have been dedicating substantial resources to improving the environmental friendliness of our products. One of our recent foci has been placed upon the compliance of REACH, i.e. Regulation (EC) No. 1907/ 2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals.

Acer Inc. hereby declares that we are committed to taking all necessary steps to ensure our products comply with the REACH requirements. We will continue to review the Candidate List of Substances of Very High Concern (SVHC) and the Restriction List (Annex XVII) for additions and updates, and will act accordingly in compliance with REACH regulations.

A handwritten signature in black ink, appearing to read "RU Jan".

RU Jan  
Sr. Manager

As specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

#	Substance Name	CAS #	Published Date
1	Anthracene	120-12-7	2008-10-28
2	4,4'- Diaminodiphenylmethane	101-77-9	2008-10-28
3	Dibutyl phthalate	84-74-2	2008-10-28
4	Cobalt dichloride	7646-79-9	2008-10-28
5	Diarsenic pentaoxide	1303-28-2	2008-10-28
6	Diarsenic trioxide	1327-53-3	2008-10-28
7	Sodium dichromate, dihydrate	10588-01-9	2008-10-28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008-10-28
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	2008-10-28
10	Hexabromocyclododecane (HBCDD)	3194-55-6	2008-10-28
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008-10-28
12	Bis(tributyltin) oxide,hexabutyldistannoxane	56-35-9	2008-10-28
13	Lead hydrogen arsenate	7784-40-9	2008-10-28
14	Triethyl arsenate	15606-95-8	2008-10-28
15	Benzyl butyl phthalate	85-68-7	2008-10-28
16	Anthracene oil	90640-80-5	2010-1-13
17	Anthracene oil, anthracene paste	90640-81-6	2010-1-13
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010-1-13
19	Anthracene oil, anthracene paste,distr. lights	91995-17-4	2010-1-13
20	Anthracene oil, anthracene-low	90640-82-7	2010-1-13
21	Pitch, coal tar, high temp.	65996-93-2	2010-1-13
22	Acrylamide	79-06-1	2010-3-30
23	2,4-Dinitrotoluene	121-14-2	2010-1-13
24	Diisobutyl phthalate	84-69-5	2010-1-13
25	Lead chromate	7758-97-6	2010-1-13

#	Substance Name	CAS #	Published Date
26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010-1-13
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010-1-13
28	Tris(2-chloroethyl)phosphate	115-96-8	2010-1-13
29	Trichloroethylene	79-01-6	2010-6-18
30	Boric acid	10043-35-3	2010-6-18
31	Disodium tetraborate, anhydrous	1330-43-4	2010-6-18
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010-6-18
33	Sodium chromate	7775-11-3	2010-6-18
34	Potassium chromate	7789-00-6	2010-6-18
35	Ammonium dichromate	7789-09-5	2010-6-18
36	Potassium dichromate	7778-50-9	2010-6-18
37	Cobalt(II) sulphate	10124-43-3	2010-12-15
38	Cobalt(II) dinitrate	10141-05-6	2010-12-15
39	Cobalt(II) carbonate	513-79-1	2010-12-15
40	Cobalt(II) diacetate	71-48-7	2010-12-15
41	2-Methoxyethanol	109-86-4	2010-12-15
42	2-Ethoxyethanol	110-80-5	2010-12-15
43	Chromium trioxide	1333-82-0	2010-12-15
44	Acids generated from chromium trioxide and chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 -	2010-12-15
45	2-Ethoxyethyl acetate	111-15-9	2011-6-20
46	Strontium chromate	7789-06-2	2011-6-20
47	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011-6-20
48	Hydrazine	302-01-2 7803-57-8	2011-6-20

#	Substance Name	CAS #	Published Date
49	1-Methyl-2-pyrrolidone	872-50-4	2011-6-20
50	1,2,3-Trichloropropane	96-18-4	2011-6-20
51	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	2011-6-20
52	Dichromium tris(chromate)	24613-89-6	2011-12-19
53	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	2011-12-19
54	Pentazinc chromate octahydroxide	49663-84-5	2011-12-19
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	2011-12-19
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	2011-12-19
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	2011-12-19
58	Bis(2-methoxyethyl) phthalate	117-82-8	2011-12-19
59	2-Methoxyaniline; o-Anisidine	90-04-0	2011-12-19
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	2011-12-19
61	1,2-Dichloroethane	107-06-2	2011-12-19
62	Bis(2-methoxyethyl) ether	111-96-6	2011-12-19
63	Arsenic acid	7778-39-4	2011-12-19
64	Calcium arsenate	7778-44-1	2011-12-19
65	Trilead diarsenate	3687-31-8	2011-12-19
66	N,N-dimethylacetamide (DMAC)	127-19-5	2011-12-19
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	2011-12-19
68	Phenolphthalein	77-09-8	2011-12-19
69	Lead azide Lead diazide	13424-46-9	2011-12-19
70	Lead styphnate	15245-44-0	2011-12-19
71	Lead dipicrate	6477-64-1	2011-12-19

#	Substance Name	CAS #	Published Date
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2012-6-18
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	2012-6-18
74	Diboron trioxide	1303-86-2	2012-6-18
75	Formamide	75-12-7	2012-6-18
76	Lead(II) bis(methanesulfonate)	17570-76-2	2012-6-18
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	2012-6-18
78	$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	2012-6-18
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	2012-6-18
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	2012-6-18
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	2012-6-18
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	2012-6-18
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	2012-6-18
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	2012-6-18
85	Pyrochlore, antimony lead yellow	8012-00-08	2012-12-19
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	2012-12-19



#	Substance Name	CAS #	Published Date
87	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2],[3] and [3] (including their cis-and trans- stereo isomeric forms) and all possible combinations of isomers [1] are covered by this entry}]</i>	25550-51-0 19438-60-9 48122-14-1 57110-29-9	2012-12-19
88	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis-[2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]</i>	85-42-7 13149-00-3 14166-21-3	2012-12-19
89	Dibutyltin dichloride (DBTC)	683-18-1	2012-12-19
90	Lead bis(tetrafluoroborate)	13814-96-5	2012-12-19
91	Lead dinitrate	10099-74-8	2012-12-19
92	Silicic acid, lead salt	11120-22-2	2012-12-19
93	4-Aminoazobenzen	60-09-3	2012-12-19
94	Lead titanium zirconium oxide	12626-81-2	2012-12-19
95	Lead monoxide (lead oxide)	1317-36-8	2012-12-19
96	o-Toluidine	95-53-4	2012-12-19
97	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012-12-19
98	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped <i>[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]</i>	68784-75-8	2012-12-19

#	Substance Name	CAS #	Published Date
99	Trilead bis(carbonate) dihydroxide	1319-46-6	2012-12-19
100	Furan	110-00-9	2012-12-19
101	N,N-dimethylformamide	68-12-2	2012-12-19
102	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>	-	2012-12-19
103	4-Nonylphenol, branched and linear <i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]</i>	-	2012-12-19
104	4,4'-methylenedi-o-toluidine	838-88-0	2012-12-19
105	Diethyl sulphate	64-67-5	2012-12-19
106	Dimethyl sulphate	77-78-1	2012-12-19
107	Lead oxide sulfate	12036-76-9	2012-12-19
108	Lead titanium trioxide	12060-00-3	2012-12-19
109	Acetic acid, lead salt, basic	51404-69-4	2012-12-19
110	[Phthaato(2-)]dioxotrilead	69011-06-9	2012-12-19
111	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012-12-19
112	N-methylacetamide	79-16-3	2012-12-19
113	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012-12-19
114	1,2-Diethoxyethane	629-14-1	2012-12-19
115	Tetralead trioxide sulphate	12202-17-4	2012-12-19
116	N-pentyl-isopentylphthalate	776297-69-9	2012-12-19
117	Dioxobis(stearato)trilead	12578-12-0	2012-12-19
118	Tetraethyllead	78-00-2	2012-12-19

#	Substance Name	CAS #	Published Date
119	Pentalead tetraoxide sulphate	12065-90-6	2012-12-19
120	Pentacosafuorotridecanoic acid	72629-94-8	2012-12-19
121	Tricosafuorododecanoic acid	307-55-1	2012-12-19
122	Henicosafuoroundecanoic acid	2058-94-8	2012-12-19
123	Heptacosafuorotetradecanoic acid	376-06-7	2012-12-19
124	1-bromopropane (n-propyl bromide)	106-94-5	2012-12-19
125	Methoxyacetic acid	625-45-6	2012-12-19
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	2012-12-19
127	Methyloxirane (Propylene oxide)	75-56-9	2012-12-19
128	Trilead dioxide phosphonate	12141-20-7	2012-12-19
129	o-aminoazotoluene	97-56-3	2012-12-19
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012-12-19
131	4,4'-oxydianiline and its salts	101-80-4	2012-12-19
132	Orange lead (lead tetroxide)	1314-41-6	2012-12-19
133	Biphenyl-4-ylamine	92-67-1	2012-12-19
134	Diisopentylphthalate	605-50-5	2012-12-19
135	Fatty acids, C16-18, lead salts	91031-62-8	2012-12-19
136	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012-12-19
137	Sulfurous acid, lead salt, dibasic	62229-08-7	2012-12-19
138	Lead cyanamidate	20837-86-9	2012-12-19
139	Cadmium	7440-43-9	2013-06-20
140	Cadmium oxide	1306-19-0	2013-06-20
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013-06-20
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013-06-20
143	Dipentyl phthalate (DPP)	131-18-0	2013-06-20

#	Substance Name	CAS #	Published Date
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	2013-06-20
145	Cadmium sulphide	1306-23-6	2013-12-16
146	Diethyl phthalate	84-75-3	2013-12-16
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013-12-16
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	2013-12-16
149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	2013-12-16
150	Lead di(acetate)	301-04-2	2013-12-16
151	Triethyl phosphate	25155-23-1	2013-12-16
152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	2014/06/16
153	Sodium perborate; perboric acid, sodium salt	-	2014/06/16
154	Sodium peroxometaborate	7632-04-4	2014/06/16
155	Cadmium chloride	10108-64-2	2014/06/16
156	Cadmium fluoride	7790-79-6	2014-12-17
157	Cadmium sulphate	10124-36-4 31119-53-6	2014-12-17

#	Substance Name	CAS #	Published Date
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014-12-17
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014-12-17
160	2-ethylhexyl,10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014-12-17
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	2014-12-17
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	2015/06/15
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	--	2015/06/15
164	1,3-propanesultone	1120-71-4	2015/12/17
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	2015/12/17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015/12/17
167	Nitrobenzene	98-95-3	2015/12/17
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	2015/12/17

#	Substance Name	CAS #	Published Date
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	2016/06/20
170	4,4'-isopropylidenediphenol	80-05-7	2017/01/12
171	4-Heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB-and well-defined substances which include any of the individual isomers or a combination thereof	--	2017/01/12
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	335-76-2 3108-42-7 3830-45-3	2017/01/12
173	p-(1,1-dimethylpropyl)phenol = 4-tert-pentylphenol (PTAP)	80-46-6	2017/01/12
174	Perfluorohexane-1-sulphonic acid and its salts	--	2017/07/07
175	Benz[a]anthracene	56-55-3	2018/01/15
176	Cadmium carbonate	513-78-0	2018/01/15
177	Cadmium hydroxide	21041-95-2	2018/01/15
178	Cadmium nitrate	10325-94-7	2018/01/15
179	Chrysene	218-01-9	2018/01/15
180	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	-	2018/01/15
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	2018/01/15
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	2018/06/07

#	Substance Name	CAS #	Published Date
183	Decamethylcyclopentasiloxane (D5)	541-02-6	2018/06/07
184	Dodecamethylcyclohexasiloxane (D6)	541-02-6	2018/06/07
185	Lead	7439-92-1	2018/06/07
186	Disodium octaborate	12008-41-2	2018/06/07
187	Benzo[ghi]perylene	191-24-2	2018/06/07
188	Terphenyl hydrogenated	61788-32-7	2018/06/07
189	Ethylenediamine (EDA)	107-15-3	2018/06/07
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride; TMA)	552-30-7	2018/06/07
191	Dicyclohexyl phthalate (DCHP)	84-61-7	2018/06/07
192	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	239-139-9	2019/1/15
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	2019/1/15
194	Benzo[k]fluoranthene	205-916-6	2019/1/15
195	Fluoranthene	205-912-4	2019/1/15
196	Phenanthrene	201-581-5	2019/1/15
197	Pyrene	204-927-3	2019/1/15
198	2-methoxyethyl acetate	110-49-6	2019/07/16
199	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	2019/07/16
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combina_ons thereof)	-	2019/07/16
201	4-tert-butylphenol	98-54-4	2019/07/16
202	Diisohexyl phthalate	71850-09-4	2020/1/16
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	2020/1/16

#	Substance Name	CAS #	Published Date
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	2020/1/16
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	2020/1/16
206	1-vinylimidazole	1072-63-5	2020/6/25
207	2-methylimidazole	693-98-1	2020/6/25
208	butyl 4-hydroxybenzoate	94-26-8	2020/6/25
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	2020/6/26
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	2021/1/19
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. Stannane, dioctyl-, bis(coco acyloxy) derivs. Diocetyl tin dilaurate	-; -; 91648-39-4; 3648-18-8	2021/1/19
212	1,4-dioxane	123-91-1	2021/7/8
213	(1) 2,2-bis(bromomethyl)propane-1,3-diol (BMP); (2) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); (3) 2,3-dibromo-1-propanol (2,3-DBPA)	(1) 3296-90-0; (2) 36483-57-5/ 1522-92-5; (3) 96-13-9	2021/7/8
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers: (2R)-3-(4-tert-butylphenyl)-2-methylpropanal; 2-(4-tert-butylbenzyl)propionaldehyde; (2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3; 80-54-6; 75166-30-2	2021/7/8



#	Substance Name	CAS #	Published Date
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	2021/7/8
216	glutaral	111-30-8	2021/7/8
217	Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17	85535-85-9; 198840-65-2; 1372804-76-6; -	2021/7/8
218	orthoboric acid, sodium salt; boric acid (H3BO3), sodium salt, hydrate; Boric acid (H3BO3), disodium salt; Trisodium orthoborate; Boric acid, sodium salt; Orthoboric acid, sodium salt; Boric acid (H3BO3), sodium salt (1:1)	25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 13840-56-7; 14890-53-0	2021/7/8
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP): Phenol, 4-dodecyl, branched ; 4-isododecylphenol ; Phenol, 4-isododecyl- ; Phenol, dodecyl-, branched ; Phenol, (tetrapropenyl) derivatives ; Phenol, tetrapropylene-	210555-94-5; 27459-10-5; 27147-75-7; 121158-58-5; 74499-35-7; 57427-55-1	2021/7/8
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	1782069-81-1; 95342-41-9; 852541-25-4; 36861-47-9; 741687-98-9; 852541-30-1; 852541-21-0;	2022/1/17

#	Substance Name	CAS #	Published Date
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	2022/1/17
222	S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2- ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	2022/1/17
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	2022/1/17
224	N-(hydroxymethyl)acrylamide	924-42-5	2022/6/10
225	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	37853-59-1	2023/1/17
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	2023/1/17
227	4,4'-sulphonyldiphenol	80-09-1	2023/1/17
228	Barium diboron tetraoxide	13701-59-2	2023/1/17
229	<b>bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof:</b> Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	2023/1/17
230	Isobutyl 4-hydroxybenzoate	4247-02-3	2023/1/17
231	Melamine	108-78-1	2023/1/17
232	Perfluoroheptanoic acid and its salts: Sodium perfluoroheptanoate; Perfluoroheptanoic acid; potassium perfluoroheptanoate; Ammonium perfluoroheptanoate	20109-59-5; 375-85-9; 21049-36-5; 6130-43-4	2023/1/17
233	reaction mass of 2,2,3,3,5,5,6,6- octafluoro-4-(1,1,1,2,3,3,3- heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4- (heptafluoropropyl)morpholine	-	2023/1/17

Erion Energy



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Producer Responsibility

## ATTESTATO DI ADESIONE 2023

*per la gestione responsabile e sostenibile  
dei Rifiuti di Pile e Accumulatori*

**ACER ITALY SRL**  
**CF. 07951950158**

è iscritto per l'anno 2023 a **Erion Energy**  
per la corretta gestione dei Rifiuti di Pile e Accumulatori (RPA),  
adempiendo così agli obblighi del **Decreto Legislativo 188/08**.

**Erion Energy**, Sistema Collettivo tra i più autorevoli e  
riconosciuti a livello nazionale ed europeo, garantisce per **ACER ITALY SRL** che tali rifiuti  
siano gestiti e riciclati in maniera corretta, tracciata  
e ambientalmente responsabile, nel rispetto della normativa vigente  
e seguendo alti standard europei di qualità.

Milano, 24/03/2023

Laura Castelli  
Direttore Generale  
Erion Energy

A handwritten signature in blue ink that reads 'Laura Castelli'.

Erion Energy



## CERTIFICATE OF REGISTRATION 2023

*for responsible and sustainable management  
of Waste Batteries and Accumulators*

**ACER ITALY SRL**  
**TC. 07951950158**

is registered for the year 2023 to **Erion Energy**  
for a proper management of Waste Batteries and Accumulators,  
thus fulfilling the obligations of the Italian **Legislative Decree 188/08**.

**Erion Energy**, one of the most authoritative collective schemes at national and European level, guarantees for **ACER ITALY SRL** that such waste is properly managed and recycled, in a traced and environmentally responsible way, in compliance with the current legislation and following the high European quality standards.

Milano, 24/03/2023

Laura Castelli  
Direttore Generale  
Erion Energy

A handwritten signature in blue ink that reads 'Laura Castelli'.

## ATTESTATO DI ADESIONE 2023

*per la gestione responsabile e sostenibile dei RAEE*

**ACER ITALY SRL**  
**CF. 07951950158**

per l'anno 2023 è Socio di **Erion WEEE**  
per la gestione e lo smaltimento dei  
Rifiuti da Apparecchiature Elettriche ed Elettroniche (RAEE),  
adempiendo così agli obblighi del **Decreto Legislativo 49/2014**.

**Erion WEEE**, Sistema Collettivo tra i più autorevoli e  
riconosciuti a livello nazionale ed europeo, garantisce per **ACER ITALY SRL** che tali rifiuti  
siano gestiti e riciclati in maniera corretta, tracciata  
e ambientalmente responsabile, nel rispetto della normativa vigente  
e seguendo alti standard europei di qualità.

Milano, 24/03/2023

Giorgio Arienti  
Direttore Generale  
Erion WEEE



Erion Weee



## CERTIFICATE OF PARTECIPATION 2023

*for responsible and sustainable management  
of Waste Electrical and Electronical Equipment*

**ACER ITALY SRL**  
**TC. 07951950158**

for the year 2023 is part of **Erion WEEE**  
for a proper management of Waste Electrical and Electronical Equipment,  
thus fulfilling the obligations of the Italian **Legislative Decree 49/2014**.

**Erion WEEE**, one of the most authoritative collective schemes at national and European level, guarantees for **ACER ITALY SRL** that such waste is properly managed and recycled, in a traced and environmentally responsible way, in compliance with the current legislation and following the high European quality standards.

Milano, 24/03/2023

*Giorgio Arienti*  
*Direttore Generale*  
*Erion WEEE*

A handwritten signature in dark ink, appearing to read 'Giorgio Arienti', located below the printed name and title.



# Nitro

## NITRO 50 N50-650

(PN: DG.E3GET.00M - EAN: 4711121562303)



- Intel Core i7 13700F
- Windows 11 Home
- 16 DDR4
- SSD PCI EXPRESS 512
- nVidia GeForce RTX 3050 DP DP DP HDMI 8192





## Acer NITRO 50 N50-650

## SPECIFICHE

### Nitro 50

Dalle tonalità nere e accattivanti, è un PC da gaming predefinito e rifinito per offrire le massime prestazioni grazie al processore Intel® Core™ di 13a generazione, alla scheda grafica NVIDIA® GeForce RTX™ serie 30 e allo storage velocissimo per tutte le esigenze di caricamento.

Realizzato per fare tutto

Gioca, riproduci in streaming e progetta come un professionista con il processore Intel® Core™ di 13a generazione e la nuova architettura ibrida ad alte prestazioni.

NVIDIA® GeForce RTX™ serie 30

Le GPU GeForce RTX™ serie 30 offrono le massime prestazioni per gamer e creator. Sono basate su Ampere, l'architettura NVIDIA RTX di 2a generazione, dotate di nuovi RT Core, Tensor Core e multiprocessori di streaming per offrire una grafica con ray-tracing molto realistica e funzionalità IA avanzate.

Design sorprendente

Il Nitro 50 include contorni dinamici, LED color rosso fiammante e cornici ventilate. Puoi anche sistemare ordinatamente l'elegante chassis da 18 litri sulla scrivania o sul pavimento.

Accesso frontale alle porte

Puoi collegare comodamente le cuffie o qualsiasi altra periferica USB senza sforzarti di raggiungere il retro del PC.

Sempre connesso, mai scarico

Se associato al router giusto, il nuovissimo standard Wi-Fi 6E ti offre accesso alla massima velocità.

DTS:X® Ultra

Trasforma le cuffie o gli speaker in un sofisticato sistema audio surround a 360° con cui apprezzare al meglio il realismo dell'audio 3D mentre giochi, guardi un film o ascolti musica.

## Garanzia

Mesi di garanzia del costruttore	12
----------------------------------	----

## Generale

Funzione/Utilizzo	Gaming
Colore	Nero
Nome commerciale	Nitro
Tipologia di PC	Desktop

## Sistema operativo

Famiglia sistema operativo	Windows 11
Descrizione Sistema Operativo	Home
Applicativi/Utilities/Antivirus installati	Microsoft (Trial)



**Processore e chipset**

Processore	Core i7
Marca processore	Intel
Sigla Processore	13700F
Cache di secondo livello (MB)	24
Velocità della clock (GHz)	2,1
Velocità clock turbo (GHz)	5,2
Marca chipset	Intel
Tipo di Chipset	Integrato
Cache di terzo livello (MB)	30

**Memoria**

RAM installata (GB)	16
RAM massima supportata (GB)	32
Tipo di RAM	DDR4
Numero slot totali RAM	2
Numero slot liberi RAM	0
Frequenza RAM (Mhz)	3200
Specifica RAM	UDIMM

**Archiviazione**

Tipo di Hard Disk	SSD PCI EXPRESS
Capacità SSD (GB)	512
Lettore card	No
Partizione di ripristino	Sì

## Display e grafica

Marca scheda grafica	nVidia
Modello scheda grafica	GeForce RTX 3050 DP DP DP HDMI
Memoria grafica dedicata (MB)	8192
Altre caratteristiche scheda grafica	GDDR6

## Audio

Scheda audio	DTS:X® Ultra
Audio on-board	Sì
Ingresso audio	1
Ingresso microfono	1

## Rete e comunicazione

Bluetooth	Bluetooth 5.0
Ethernet	Sì
Tipo Ethernet	10/100/1000
Scheda di rete	Sì
WiFi	Sì
Tipo WiFi	802.11ax/ac/a/b/g/n, Wi-Fi 6E and Bluetooth® 5
Protocollo WiFi	802.11ax
Modem	No
Modulo G (UMTS)	No

## Dispositivi incorporati

Infrarossi	No
Scheda TV	No
Sintonizzatore TV	No

## Interfacce/porte

TPM 2.0	Sì
Tipo di TPM	Software
Numero di uscite audio	1
Numero di porte FireWire	0
Numero di porte Seriale	0
Numero di Connettori RJ 11	0
Numero di porte parallele	0
HDMI	Sì
DVI	No
Numero di porte USB 1.1/2.0	4
Numero di porte USB 3.2	3
Numero porte USB type "C"	1
Numero porte USB totali	8
Numero di porte USB posteriori	6
Numero di porte USB frontali	2
Numero porte Thunderbolt	0
DisplayPort	Standard
Numero di connettori RJ 45	1
VGA	No
Numero di uscite cuffie	1
Slot PCI	PCIe x16 slot(s): 1 PCIe x1 slot(s): 1
Numero di porte PS/2	0
TV out	No

**Dispositivi input**

Tastiera	Tastiera USB
Mouse	Mouse USB
Telecomando	No

**Caratteristiche fisiche**

Altezza netta del prodotto (cm)	39,2
Larghezza netta del prodotto (cm)	17,5
Profondità netta del prodotto (cm)	38,6
Peso netto del prodotto (kg)	7,5

**Varie**

Certificazioni	CB, CE, DoC, ECO
Accessori in dotazione	Thermal Pad for SSD H3mm WLAN 6E M.2 Main & Aux Antenna for Metal type
Altro	M.2 slot (for SSD): 2 M.2 slot (for WLAN): 1
Tipo di Alimentatore	FR 500W_12V(4+4 ATX) 87+



## COMPONENTI ORIGINALI

Batterie, display, adattatori,  
accessori e molto altro

Parti di ricambio originali

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Consegna rapida

Prezzi competitivi



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## ACER INCORPORATED

8F., NO.88, SEC.1, XINTAI 5TH RD., XIZHI, NEW TAIPEI CITY 221, TAIWAN

This is a multi-site certificate, additional site(s) are listed on the next page(s)

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

### ISO 9001:2015

*Scope of certification*

1. IT PRODUCTS BUSINESS, DIGITAL DISPLAY BUSINESS, SERVER PRODUCTS BUSINESS: DESIGN, MANUFACTURING, AND SUPPLY CHAIN MANAGEMENT, SALE, MARKETING AND SERVICE OF NOTEBOOKS, DESKTOPS, ALL-IN-ONE PCS, TABLET PCS, COMPUTER PERIPHERAL PRODUCTS, DISPLAYS, PROJECTORS, WORKSTATIONS, THIN CLIENTS, STORAGE SYSTEMS, AND SERVERS UNDER MULTIPLE BRANDS: ACER®, GATEWAY®, PACKARD BELL®, AND ALTOS®.
2. CUSTOMER SERVICE, PRODUCT REPAIR, REPAIR PART SUPPORT, AND IT OUTSOURCING MANAGEMENT OF IT PRODUCTS, DIGITAL DISPLAY, AND SERVER PRODUCTS.
3. MANUFACTURE, PROCESSING, ASSEMBLY, TEST, PACKAGE, AND REPAIR OF ALL IN ONE COMPUTERS, CYCLING COMPUTERS, SMART WEARABLE DEVICES, APPLIED COMPUTING, ELECTRONIC DEVICES OF PET AND RELATED PERIPHERAL PRODUCTS.

Original cycle start date: **29-November-2002**

Expiry date of previous cycle: **NA**

Certification / Recertification Audit date: **NA**

Certification / Recertification cycle start date: **02-November-2020**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **01-November-2023**

**Certificate No.: TWN4579327Q/E**

**Version: 02**

**Revision date: 29-October-2021**



0008

Certification body address: **5<sup>th</sup> Floor, 66 Prescott Street, London E1 8HG, United Kingdom**  
Local office: **3F-B, No.16, Nanjing E. Rd., Sec.4, Songshan District, Taipei 10553, Taiwan**

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.  
To check this certificate validity please call: **+886 2 2570 7655**





# ACER INCORPORATED

## ISO 9001:2015

### Scope of certification

<u>Site Name/Location</u>	<u>Site Address</u>	<u>Site Scope</u>
<b>HEAD OFFICE</b>	8F., NO.88, SEC.1, XINTAI 5TH RD., XIZHI, NEW TAIPEI CITY 221, TAIWAN	IT PRODUCTS BUSINESS, DIGITAL DISPLAY BUSINESS, SERVER PRODUCTS BUSINESS: DESIGN, MANUFACTURING, AND SUPPLY CHAIN MANAGEMENT, SALE, MARKETING AND SERVICE OF NOTEBOOKS, DESKTOPS, ALL-IN- ONE PCS, TABLET PCS, COMPUTER PERIPHERAL PRODUCTS, DISPLAYS, PROJECTORS, WORKSTATIONS, THIN CLIENTS, STORAGE SYSTEMS, AND SERVERS UNDER MULTIPLE BRANDS: ACER®, GATEWAY®, PACKARD BELL®, AND ALTOS®.
<b>HIGHPOINT SERVICE NETWORK CORPORATION</b>	7F., NO.88, SEC.1, XINTAI 5TH RD., XIZHI, NEW TAIPEI CITY 221, TAIWAN	CUSTOMER SERVICE, PRODUCT REPAIR, REPAIR PART SUPPORT, AND IT OUTSOURCING MANAGEMENT OF IT PRODUCTS, DIGITAL DISPLAY, AND SERVER PRODUCTS.
<b>ACER GADGET INC.</b>	6F., NO. 125, WUGONG RD., WUGU DIST., NEW TAIPEI CITY 248, TAIWAN R.O.C.	MANUFACTURE, PROCESSING, ASSEMBLY, TEST, PACKAGE, AND REPAIR OF ALL IN ONE COMPUTERS, CYCLING COMPUTERS, SMART WEARABLE DEVICES, APPLIED COMPUTING, ELECTRONIC DEVICES OF PET AND RELATED PERIPHERAL PRODUCTS.

**Certificate No.:** TWN4579327Q/E

**Version:** 02

**Revision date:** 29-October-2021



0008

**Certification body address:** 5<sup>th</sup> Floor, 66 Prescott Street, London E1 8HG, United Kingdom  
**Local office:** 3F-B, No.16, Nanjing E. Rd., Sec.4, Songshan District, Taipei 10553, Taiwan

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.  
To check this certificate validity please call: +886 2 2570 7655





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Bureau Veritas Certification

## ACER INCORPORATED

NO.88, SEC.1, XINTAI 5TH RD., XIZHI DIST., NEW TAIPEI CITY 221, TAIWAN

This is a multi-site certificate, additional site(s) are listed on the next page(s)

*Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

### ISO 14001:2015

*Scope of certification*

DESIGN, ASSEMBLY, SALES, MARKETING AND SERVICE OF THE INFORMATION COMMUNICATION TECHNOLOGY (ICT) RELATED PRODUCTS AND SERVICE UNDER MULTIPLE BRANDS: ACER®, GATEWAY®, AND PACKARD BELL® BRANDS.

Original cycle start date:	25-02-2003
Expiry date of previous cycle:	31-10-2020
Certification / Recertification Audit date:	04-09-2020
Certification / Recertification cycle start date:	01-11-2020
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	31-10-2023

Certificate No.: TW005140

Version: 2

Issue Date: 28-10-2021



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Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: 3F-B, No. 16, Nanjing E. Rd., Sec. 4, Songshan Dist., Taipei 10553, Taiwan

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call +886 2 2570 7855.





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# ACER INCORPORATED

## ISO 14001:2015

### Scope of certification

Site Name/Location	Site Address	Site Scope
XIZHI OFFICE	NO.88, SEC.1, XINTAI 5TH RD., XIZHI DIST., NEW TAIPEI CITY 221, TAIWAN	DESIGN, SALES, MARKETING AND SERVICE OF THE INFORMATION COMMUNICATION TECHNOLOGY (IGT) RELATED PRODUCTS AND SERVICE UNDER MULTIPLE BRANDS: ACER®, GATEWAY®, AND PACKARD BELL® BRANDS.
ACER CYBER SECURITY INC.	8F., NO. 563, SEC. 4, ZHONGXIAO E. RD., XINYI DIST., TAIPEI CITY 110, TAIWAN	PROVISION OF INFORMATION SECURITY TECHNICAL SERVICE.
ACER E-ENABLING SERVICE BUSINESS INC.	9, 10F., NO. 6, SEC. 4, XINYI RD., DAAN DIST., TAIPEI CITY 106, TAIWAN	SALES OF HARDWARE AND SOFTWARE FOR ENTERPRISES. AND PROVISION OF TECHNICAL SERVICE OF APPLICATION DEVELOPMENT, SYSTEM INTEGRATION AND CLOUD SERVICE.
ACER E-ENABLING SERVICE BUSINESS INC. KAOHSIUNG OFFICE	22F.-1, NO. 366, BOAI 2ND RD., ZUOYING DIST., KAOHSIUNG CITY 813, TAIWAN	

Certificate No.: TW005140

Version: 2

Issue Date: 28-10-2021

*Andrew Lee*



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Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: 3F-B, No. 16, Nanjing E. Rd., Sec. 4, Songshan Dist., Taipei 10553, Taiwan

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +886 2 2570 7655







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## ACER INCORPORATED

### ISO 14001:2015

#### Scope of certification

Site Name/Location	Site Address	Site Scope
ACER E-ENABLING SERVICE BUSINESS INC. TAICHUNG OFFICE	21F.-6, NO. 201, SEC. 2, WENXIN RD., XITUN DIST., TAICHUNG CITY 407, TAIWAN	SALES OF HARDWARE AND SOFTWARE FOR ENTERPRISES, AND PROVISION OF TECHNICAL SERVICE OF APPLICATION DEVELOPMENT, SYSTEM INTEGRATION AND CLOUD SERVICE.
ACER E-ENABLING SERVICE BUSINESS INC. XHI-JI OFFICE	24F., (ACER BUILDING), NO.88, SEC.1, XINTAI 5TH RD., XIZHI DIST., NEW TAIPEI CITY 221, TAIWAN	
ACER SYNERGY TECH CORP.	7F.-10, NO. 8, ZIQIANG S. RD., ZHUBEI CITY, HSINCHU COUNTY 302, TAIWAN	SALES OF ELECTRONIC AND COMMUNICATION DEVICES AND COMPONENTS.
FUXING OFFICE (SHAREHOLDERS SERVICE OFFICE)	7F.-5, NO. 369, FUXING N. ROAD, SONGSHAN DIST., TAIPEI CITY 105, TAIWAN	ADMINISTRATIVE SUPPORT ACTIVITIES: SHAREHOLDER SERVICE.
GUANGHUA SERVICE CENTER	1, 2F., NO. 54, SEC. 2, ZHONGXIAO E. RD., ZHONGZHENG DIST., TAIPEI CITY 100, TAIWAN	PROVISION OF ICT PRODUCTS AFTER SERVICE.

Certificate No.: TW005140

Version: 2

Issue Date: 28-10-2021

*Andrew Lee*



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Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: 3F-B, No. 16, Nanjing E. Rd., Sec. 4, Songshan Dist., Taipei 10553, Taiwan

Further clarifications regarding the scope and validity of this certificate and the applicability of the management system requirements, please call +886 2 2570 7655





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*Scope of certification*

Site Name/Location	Site Address	Site Scope
KAOHSIUNG SERVICE CENTER	1, 2F., NO. 595, JIURU 2ND RD., SANMIN DIST., KAOHSIUNG CITY 807, TAIWAN	PROVISION OF ICT PRODUCTS AFTER SERVICE.
SONGXIN SERVICE CENTER	1F., NO. 163, SONGXIN RD., XINYI DIST., TAIPEI CITY 110, TAIWAN	
TAOYUAN SERVICE CENTER	NO. 215, SEC. 2, ZHONGYANG W. RD., ZHONGLI DIST., TAOYUAN CITY 320, TAIWAN	
HIGHPOINT SERVICE NETWORK CORPORATION	7F., (ACER BUILDING), NO.88, SEC.1, XINTAI 5TH RD., XIZHI DIST., NEW TAIPEI CITY 221, TAIWAN	PROVISION OF ICT RELATED PRODUCTS REPAIR SERVICE.
ISU SERVICE CORP.	7F.-10, NO. 8, ZIQIANG S. RD., ZHUBEI CITY, HSINCHU COUNTY 302, TAIWAN	PROVISION OF CONSULTANCY AND TECHNICAL SERVICE OF ICT PRODUCTS SYSTEM INTEGRATION.

Certificate No.: TW005140

Version: 2

Issue Date: 28-10-2021

*Andrew Lee*



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*Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom*

*Local Office: 3F-B, No. 16, Nanjing E. Rd., Sec. 4, Songshan Dist., Taipei 10553, Taiwan*

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call +886 2 2570 7655







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Scope of certification

Site Name/Location	Site Address	Site Scope
SOUTH OFFICE	4F.-4, 6, NO. 38, XINGUANG RD., LINGYA DIST., KAOHSIUNG CITY 802, TAIWAN	SALES AND PROVISION OF ICT PRODUCTS AFTER SERVICE.
TAICHUNG BRANCH OFFICE AND TAICHUNG SERVICE CENTER	1F., NO. 371, SEC. 1, WENXIN RD., NANTUN DIST., TAICHUNG CITY 408, TAIWAN	
TAOYUAN DISTRIBUTION CENTER	1, 2F., NO. 28, NEIXIN RD., LUZHU DIST., TAOYUAN CITY 338, TAIWAN	ASSEMBLY AND WAREHOUSE CENTER OF THE INFORMATION COMMUNICATION TECHNOLOGY (ICT) RELATED PRODUCTS UNDER MULTIPLE BRANDS: ACER®, GATEWAY®, AND PACKARD BELL® BRANDS.
XINYI OFFICE	11F.-1, NO. 176, SEC. 1, KEELUNG RD., XINYI DIST., TAIPEI CITY 110, TAIWAN	PROVISION OF TECHNICAL SERVICE OF CLOUD SERVICE.

Certificate No.: TW005140

Version: 2

Issue Date: 28-10-2021

*Andrew Lee*



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Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom

Local Office: 3F-B, No. 16, Nanjing E. Rd., Sec. 4, Songshan Dist., Taipei 10553, Taiwan

Further clarifications regarding the scope and validity of this certificate and the applicability of the management system requirements, please call: +886 2 2570 7655



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[ Tutti ]

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[Visualizza](#)[Pulisci](#)

Legenda:



iscritto



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25 righe per pagina

Numero iscrizione		Denominazione	Provincia	Nazione
IT08020000000532		ACER ITALY SRL	MILANO	ITALIA

Da 1 a 1 di 1

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# Declaration for REACH and POPs

Company: Acer Incorporated

Address: 8F, 88, Sec. 1, Xintai 5th Rd, Xizhi, New Taipei City 221, Taiwan, R.O.C

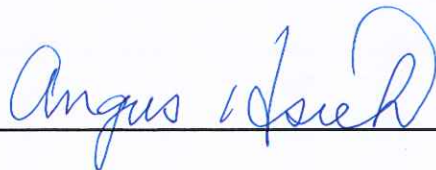
EU Importer: Acer Italy s.r.l.

Address: Viale delle Industrie 1/A, 20020 Arese (MI), Italy

Tel: +39-02-939-921, Fax: +39-02 9399-2913

This letter is to confirm all acer notebooks, desktops, All-in-one PCs, and monitors have been evaluated as compliant with Regulation (EC) 1907/2006 – Annex XIV candidate substance: SVHC (substances of very high concern), Annex XVII: substances restricted under REACH, and POP Regulation (EU) 2019/1021.

Signature: \_\_\_\_\_



Name: Angus Hsieh

Title: Director of Env. & Regulation Div.

Date: \_\_\_\_\_

