THE ECO DECLARATION

ecma INTERNATIONAL

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

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 *	*2021-10-14*
Intended market *	☒ **Global** ☐ ☐ **Europe** ☐ **Asia, Pacific & Japan** ☐ **Americas** ☐ **Other**
Additional information	

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

About Annex B2

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 *	***N50-640***	**Logo**	
Issue date *	***2021-10-14***		

Product environmental attributes - Legal requirements		**Requirement met**		
Item		Yes	No	n.a.
P1	**Hazardous substances and preparations**			
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and [1]NOTE B1)	☒	☐	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	☒	☐	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	☒	☐	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	☒	☐	
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).	☒	☐	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm^2/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	☒	☐	☐
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): ***https://www.acer-group.com/sustainability/en/chemical-management-plans.html***	☒	☐	☐
P2	**Batteries**			
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)	☒	☐	☐
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	☒	☐	☐
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	☒	☐	☐
P3	**Conformity verification & Eco design (ErP)**			
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): *www.acer.com*	☒	☐	☐
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference).	☒	☐	☐
	Required information is; ☐ given in item P15 or added to this document, ☒ available at (add URL): ***www.acer.com***	☒	☐	☐
P5	**Product packaging**			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	☒	☐	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	☒	☐	☐
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.	☒	☐	☐
P6	**Treatment information**			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	☒	☐	☐

[1]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**	acer
Issue date *	***2021-10-14***		

Product environmental attributes - Market requirements (See General NOTE [2]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	**Design** **Disassembly, recycling**			
P7.1*	Parts that have to be treated separately are easily separable	☒	☐	☐
P7.2*	Plastic materials in covers/housing have no surface coating.	☒	☐	☐
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	☒	☐	☐
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	☒	☐	☐
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	☒	☐	☐
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	☒	☐	☐
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	☒	☐	☐
P7.8*	Upgrading can be done using commonly available tools	☒	☐	☐
P7.9	Spare parts are available after end of production for: years			☐
P7.10	Service is available after end of production for: years			☐
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: ***PC+ABS*** Material type: ***SGCC (Steel Galvanized Cold rolled Coil)*** Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.	☐	☒	☐
P7.13	Insulation materials of internal electrical cables are PVC free.	☐	☒	☐
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.	☒	☐	☐
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all ☐ PCBs > 25 g ☐ are low halogen as defined in IEC 61249-2-21. (See [3]NOTE B2)	☐	☒	☐
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: ***>PC+ABS-FR(40)<***	☒	☐	☐
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) ☐, TBBPA (reactive) ☒ (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:	☐	☒	☐
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:	☐	☐	☒
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)	☐	☒	☐
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note [4]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.	☐	☒	☐

[2]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.

[3]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.

[4]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 *	***2021-10-14***		

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 [5]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.	☐	☒	☐
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	☐	☐	☒
P8	**Batteries**			
P8.1*	Battery chemical composition: ***Li metal 3V (coin type)***			☐
P9	**Energy consumption (See NOTE [6]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 *	
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***	☐
ETEC * Annual Energy Consumption	***99.79*** kWh/year	***88.40*** kWh/year	***101.66*** kWh/year	***ENERGY STAR V8.0***	☐
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :					☒
Display resolution * : megapixels					☒
Default time to enter energy save mode: ***10*** minutes					☐

P9.2*	Information about the energy save function is provided with the product.	☒	☐	☐
P9.3	Energy efficiency class (monitors only):			☒

P10	**Emissions**				
	Noise emission – Declared according to ISO 9296 (See NOTE [7]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***	* ***3.3***	***26.0***	☐
	Operation	* ***HDD Random Seek***	* ***3.6***	***29.5***	☐
	Other mode				
	Measured according to: ☒ ISO 7779 ☐ ECMA-74 ☐ Other (only if not covered by ECMA-74)				

[5]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

[6]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

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Model number *	***N50-640***	**Logo**	acer
Issue date *	***2021-10-14***		

Product environmental attributes - Market requirements (continued)		**Requirement met**		
Item		Yes	No	n.a.
	Electromagnetic emissions			
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):	☐	☐	☒
P12	**Ergonomics for computing products**			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	☐	☐	☒
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	☐	☐	☒
P13	**Packaging and documentation**			
P13.1*	Product packaging material type(s): ***Papers*** weight (kg): ***0.857*** ***(Cartons, Pulp, Accessory box, Card Board, manual, etc.)*** Product packaging material type(s): ***Plastic (PE bags, etc.)*** weight (kg): ***0.440*** Product packaging material type(s): weight (kg):			
P13.2*	Product plastic primary packaging is free from PVC.	☒	☐	☐
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: ***80*** %			☐
P13.4*	Specify media for user and product documentation (tick box): Electronic ☐, Paper ☒, Other ☐			☐
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	☐		
P14	**Voluntary programs**			
P14.1	The product meets the requirements of the following voluntary program(s):			
	ENERGY STAR® Criteria version: ***8.0*** Date: Product category: ***I2, D2***			
	Eco-label: Criteria version: Date: Product category:			
	Eco-label: Criteria version: Date: Product category:			
P15	**Additional information (See [8]NOTE [9]B10)**			
P9	***Energy consumption of computer products; description of the tested product configuration:***			

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[9]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

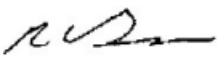
Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	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 stepsto ensure our products comply with the REACH requirements. We will continue to reviewthe 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.



RU Jan
Sr. Manager

Ver. :B5-Mar., 2023

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,distn. 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	β-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	α,α-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] *[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}]*	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] *[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]*	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 zzirconium 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 ($H_2Si_2O_5$), barium salt (1:1), lead-doped *[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]*	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 *[covering well-defined substances and UVCB substances, polymers and homologues]*	-	2012-12-19
103	4-Nonylphenol, branched and linear *[substances with a linear and/or branched alkyl chanin with a carbon number of 9 convalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]*	-	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	Pentacosafluorotridecanoic acid	72629-94-8	2012-12-19
121	Tricosafluorododecanoic acid	307-55-1	2012-12-19
122	Henicosafluoroundecanoic acid	2058-94-8	2012-12-19
123	Heptacosafluorotetradecanoic 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, branced 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	Diazene-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 pentadecaflurorooctanote (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	Dihexyl 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	Trixylyl phosphate	25155-23-1	2013-12-16
152	1,2-Benzenedicarboxylic acid, dihexyl 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 ≥ 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	Dioctyltin 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. Dioctyltin 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)propane1,3- 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-diylbisoxy]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	**bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof:** 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

ENERGY STAR CERTIFIED

Computers

Acer - D22W1 : Veriton Z6694G

Specifications

ENERGY STAR Unique ID:	2393480
Brand Name:	Acer
Model Name:	D22W1
Model Number:	Veriton Z6694G
Type:	Integrated Desktop
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	Desktop I2 or Integrated Desktop 2
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	i5-12500
Category I2: Operating System Name:	Windows 11
Category I2: Physical CPU Cores (count):	6
Category I2: Base Processor Speed Per Core (GHz):	3.0
Category I2: System Memory (GB):	64
Category I2: Default Low-power Mode:	Sleep Mode
Category I2: Off Mode (watts):	0.4
Category I2: Sleep Mode (watts):	4.0
Category I2: Long Idle (watts):	4.0
Category I2: Short Idle (watts):	21.6
Category I2: Base TEC Allowance (kWh):	27
Category I2: Functional Adder Allowances (kWh):	58.3
Category I2: TEC of Model (kWh):	76.7
Sleep Mode Default Time Upon Shipment (min.):	15
Display Sleep Mode Default Time Upon Shipment (min.):	10
WOL (Wake on LAN) From Sleep:	Shipped Enabled Under All Conditions
Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:	Yes
WLAN Capability:	Yes
Ethernet Capability:	Yes

Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2022-03-31
Date Certified:	2022-03-03
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

D22W1,VVZ4694GT,; D22W1,VZ4694G,; D22W1,VZ4694GT,; D22W1,VZ6694G,; D22W1,VZ6694GT,; D22W1,Veriton All-in-one 23.8,; D22W1,Veriton VZ4694GT,; D22W1,Veriton Vero All-in-one,; D22W1,Veriton Vero Z4694GT,; D22W1,Veriton Z4694G,; D22W1,Veriton Z4694GT,; D22W1,Veriton Z6694GT,

UPC Codes	193199066244, 193199066268, 193199140203, 195133153515, 195133155755, 195133158510, 195133210522

Captured On:
08/01/2023

ENERGY STAR CERTIFIED

Computers

Acer - N20Q11 : R856LT

Specifications

ENERGY STAR Unique ID:	2407069
Brand Name:	Acer
Model Name:	N20Q11
Model Number:	R856LT
Type:	Notebook
Category 1: Processor Brand:	Intel
Category 1: Processor Name:	Pentium N200
Category 1: Base Processor Speed Per Core (GHz):	1.0
Category 1: Physical CPU Cores (count):	4
Category 1: System Memory (GB):	8
Category 1: Default Low-power Mode:	Sleep Mode
Category 1: Off Mode (watts):	0.3
Category 1: Sleep Mode (watts):	0.4
Category 1: Long Idle (watts):	1.1
Category 1: Short Idle (watts):	3.3
Category 1: Base TEC Allowance (kWh):	8
Category 1: Functional Adder Allowances (kWh):	10.7
Category 1: TEC of Model (kWh):	11.3
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	1
Category 1: Operating System Name:	Chrome
Sleep Mode Default Time Upon Shipment (min.):	10
Display Sleep Mode Default Time Upon Shipment (min.):	10
Ethernet Capability:	No
Touch Screen:	Yes
Date Available On Market:	2023-02-24
Date Certified:	2023-01-16
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

N20Q11,R856LTN,; N20Q11,R856T,; N20Q11,R856TN,

UPC Codes	195133157001, 195133157018, 195133172202, 195133199728

Captured On:
08/01/2023

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

Laura Castelli

Erion Energy

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Producer Responsibility

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

Laura Castelli

Erion Weee

erion
Ecodom. Remedia.
Producer Responsibility

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

erion

Ecodom. Remedia.
Producer Responsibility

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

ENERGY STAR CERTIFIED

Computers

Acer - D17E6 : Aspire XC-1660G

Specifications

ENERGY STAR Unique ID:	2376190
Brand Name:	Acer
Model Name:	D17E6
Model Number:	Aspire XC-1660G
Type:	Desktop
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	Desktop D1,Desktop D2,Desktop I1 or Integrated Desktop 1,Desktop I2 or Integrated Desktop 2
Category I1: Processor Brand:	Intel
Category I1: Processor Name:	Celeron G5905
Category I1: Operating System Name:	Windows 10
Category I1: Base Processor Speed Per Core (GHz):	3.5
Category I1: System Memory (GB):	32
Category I1: Default Low-power Mode:	Sleep Mode
Category I1: Off Mode (watts):	0.4
Category I1: Sleep Mode (watts):	1.0
Category I1: Long Idle (watts):	12.4
Category I1: Short Idle (watts):	13.0
Category I1: Base TEC Allowance (kWh):	26
Category I1: Functional Adder Allowances (kWh):	25.9
Category I1: TEC of Model (kWh):	49.4
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	Core i7-11700
Category I2: Operating System Name:	Windows 10
Category I2: Physical CPU Cores (count):	8
Category I2: Base Processor Speed Per Core (GHz):	2.9
Category I2: System Memory (GB):	32
Category I2: Default Low-power Mode:	Sleep Mode
Category I2: Long Idle Power Used for Sleep Mode:	No
Category I2: Off Mode (watts):	0.4

Category I2: Sleep Mode (watts):	1.0
Category I2: Long Idle (watts):	12.3
Category I2: Short Idle (watts):	13.0
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	25.9
Category I2: TEC of Model (kWh):	49.3
Category D1: Processor Brand:	Intel
Category D1: Processor Name:	Celeron G5905
Category D1: Operating System Name:	Windows 10
Category D1: Physical CPU Cores (count):	2
Category D1: Base Processor Speed Per Core (GHz):	3.5
Category D1: System Memory (GB):	32
Category D1: Default Low-power Mode:	Sleep Mode
Category D1: Long Idle Power Used for Sleep Mode:	No
Category D1: Off Mode (watts):	0.4
Category D1: Sleep Mode (watts):	1.0
Category D1: Long Idle (watts):	16.4
Category D1: Short Idle (watts):	17.0
Category D1: Base TEC Allowance (kWh):	35
Category D1: Functional Adder Allowances (kWh):	51.2
Category D1: TEC of Model (kWh):	63.6
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	Core i7-11700
Category D2: Operating System Name:	Windows 10
Category D2: Physical CPU Cores (count):	8
Category D2: Base Processor Speed Per Core (GHz):	2.9
Category D2: System Memory (GB):	32
Category D2: Default Low-power Mode:	Sleep Mode
Category D2: Long Idle Power Used for Sleep Mode:	No
Category D2: Off Mode (watts):	0.4
Category D2: Sleep Mode (watts):	1.0
Category D2: Long Idle (watts):	15.5
Category D2: Short Idle (watts):	16.8
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	51.2
Category D2: TEC of Model (kWh):	62.3
Sleep Mode Default Time Upon Shipment (min.):	15

Display Sleep Mode Default Time Upon Shipment (min.):	10
WOL (Wake on LAN) From Sleep:	Shipped Enabled When Operating on Ac Power Only
Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:	Yes
WLAN Capability:	Yes
Ethernet Capability:	Yes
Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2021-02-26
Date Certified:	2021-02-25
Markets:	United States, Switzerland, Taiwan, Japan, Canada
Category I1: Physical CPU Cores (count):	2
ENERGY STAR Certified:	Yes

Additional Model Information

D17E6,Aspire XC-1650G,; D17E6,XC-1650G,; D17E6,XC-1660G,

UPC Codes	195133110280, 195133110297, 195133111157, 195133111164

Captured On:
07/31/2023

ENERGY STAR CERTIFIED

Computers

DELL - D17S : Vostro 3710

Specifications

ENERGY STAR Unique ID:	2386922
Brand Name:	DELL
Model Name:	D17S
Model Number:	Vostro 3710
Type:	Desktop
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	Desktop I1 or Integrated Desktop 1,Desktop I2 or Integrated Desktop 2
Category I1: Processor Brand:	Intel
Category I1: Processor Name:	G7400
Category I1: Operating System Name:	Windows 11
Category I1: Base Processor Speed Per Core (GHz):	3.7
Category I1: System Memory (GB):	64
Category I1: Default Low-power Mode:	Sleep Mode
Category I1: Long Idle Power Used for Sleep Mode:	No
Category I1: Off Mode (watts):	0.4
Category I1: Sleep Mode (watts):	1.1
Category I1: Long Idle (watts):	12.1
Category I1: Short Idle (watts):	13.0
Category I1: Base TEC Allowance (kWh):	26
Category I1: Functional Adder Allowances (kWh):	34.5
Category I1: TEC of Model (kWh):	49.7
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	I7-12700
Category I2: Operating System Name:	Windows 11
Category I2: Physical CPU Cores (count):	12
Category I2: Base Processor Speed Per Core (GHz):	2.1
Category I2: System Memory (GB):	64
Category I2: Default Low-power Mode:	Sleep Mode

Category I2: Long Idle Power Used for Sleep Mode:	No
Category I2: Off Mode (watts):	0.4
Category I2: Sleep Mode (watts):	1.1
Category I2: Long Idle (watts):	12.1
Category I2: Short Idle (watts):	13.0
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	34.8
Category I2: TEC of Model (kWh):	49.7
Sleep Mode Default Time Upon Shipment (min.):	30
Display Sleep Mode Default Time Upon Shipment (min.):	10
WOL (Wake on LAN) From Sleep:	Shipped Enabled Under All Conditions
Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:	Yes
WLAN Capability:	Yes
Ethernet Capability:	Yes
Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2022-03-03
Date Certified:	2021-10-29
Markets:	United States, Switzerland, Taiwan, Japan, Canada
Category I1: Physical CPU Cores (count):	2
ENERGY STAR Certified:	Yes

Additional Model Information

UPC Codes	

Captured On:
07/31/2023

ENERGY STAR CERTIFIED

Computers

Microsoft - Surface Laptop Go 2 : 2013

Specifications

ENERGY STAR Unique ID:	2395781
Brand Name:	Microsoft
Model Name:	Surface Laptop Go 2
Model Number:	2013
Type:	Notebook
Category 2: Processor Brand:	Intel
Category 2: Processor Name:	Intel i5-1135G7
Category 2: Base Processor Speed Per Core (GHz):	2.4
Category 2: Physical CPU Cores (count):	4
Category 2: System Memory (GB):	16.0
Category 2: Default Low-power Mode:	Modern Standby
Category 2: Long Idle Power Used for Sleep Mode:	Yes
Category 2: Off Mode (watts):	0.2
Category 2: Sleep Mode (watts):	0.5
Category 2: Long Idle (watts):	0.5
Category 2: Short Idle (watts):	4.1
Category 2: Base TEC Allowance (kWh):	14
Category 2: Functional Adder Allowances (kWh):	13.8
Category 2: TEC of Model (kWh):	13.2
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	2
Category 2: Operating System Name:	Windows 11
Sleep Mode Default Time Upon Shipment (min.):	10
Display Sleep Mode Default Time Upon Shipment (min.):	10
Ethernet Capability:	No
Touch Screen:	Yes
Date Available On Market:	2022-06-01
Date Certified:	2022-05-11

Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

UPC Codes	889842911145, 889842911374, 889842911602, 889842911909, 889842911930, 889842911961, 889842912098, 889842912203, 889842912302, 889842912401, 889842912500, 889842912609, 889842912852, 889842913095, 889842913439, 889842913651, 889842913972, 889842914177, 889842914375, 889842914474, 889842914573, 889842914672, 889842914917, 889842915013, 889842915112, 889842915211, 889842915433, 889842915532, 889842915754, 889842915853, 889842915952, 889842916195, 889842916294, 889842916522, 889842916928, 889842917024, 889842917123, 889842917222, 889842917321, 889842917567, 889842917802, 889842917901, 889842918007, 889842918106, 889842918205, 889842918304, 889842918403, 889842918502, 889842918601, 889842918823, 889842919042, 889842919264, 889842957877, 889842958010, 889842958119, 889842958263, 889842958348, 889842958492, 889842958584, 889842958638, 889842958683, 889842958737, 889842958782, 889842958836, 889842958881, 889842958935, 889842958980, 889842959031, 889842959086, 889842959239, 889842959321, 889842959376, 889842959420, 889842959567, 889842959642, 889842959789, 889842959864, 889842960006, 889842960082, 889842960136, 889842960181, 889842960235, 889842960280, 889842960334, 889842960389, 889842960433, 889842960488, 889842960532, 889842960587, 889842960631, 889842960686, 889842960822, 889842961027, 889842961102, 889842961249, 889842961324, 889842961461, 889842961560, 889842961614, 889842961669, 889842961713, 889842961768, 889842961812, 889842962154, 889842962161, 889842962178, 889842962185, 889842962192, 889842962208, 889842962215, 889842962222, 889842962239, 889842962246, 889842962253, 889842962260, 889842962314, 889842962321, 889842962338, 889842962345, 889842962352, 889842962369, 889842962376, 889842962383, 889842962390, 889842962406, 889842962413, 889842962420, 889842962437, 889842981766, 889842981803, 889842981995, 889842982114

Captured On:
07/31/2023

ENERGY STAR CERTIFIED

Computers

SiComputer - Activa Micro Gen 3 : M1.*#.##.##

Specifications

ENERGY STAR Unique ID:	2395792
Brand Name:	SiComputer
Model Name:	Activa Micro Gen 3
Model Number:	M1.*#.##.##
Type:	Desktop
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	Desktop D2,Desktop I2 or Integrated Desktop 2
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	Core i5
Category I2: Operating System Name:	Windows 10
Category I2: Physical CPU Cores (count):	6
Category I2: Base Processor Speed Per Core (GHz):	2.6
Category I2: System Memory (GB):	16
Category I2: Default Low-power Mode:	Sleep Mode
Category I2: Long Idle Power Used for Sleep Mode:	No
Category I2: Off Mode (watts):	0.1
Category I2: Sleep Mode (watts):	1.0
Category I2: Long Idle (watts):	9.6
Category I2: Short Idle (watts):	10.3
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	5.5
Category I2: TEC of Model (kWh):	39.7
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	Core i5
Category D2: Operating System Name:	Windows 10
Category D2: Physical CPU Cores (count):	6
Category D2: Base Processor Speed Per Core (GHz):	2.6
Category D2: System Memory (GB):	16
Category D2: Default Low-power Mode:	Sleep Mode

Category D2: Long Idle Power Used for Sleep Mode:	No
Category D2: Off Mode (watts):	0.1
Category D2: Sleep Mode (watts):	1.1
Category D2: Long Idle (watts):	19.1
Category D2: Short Idle (watts):	20.1
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	29.3
Category D2: TEC of Model (kWh):	73.7
Sleep Mode Default Time Upon Shipment (min.):	25
Display Sleep Mode Default Time Upon Shipment (min.):	10
WOL (Wake on LAN) From Sleep:	Shipped Enabled Under All Conditions
Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:	Yes
WLAN Capability:	Yes
Ethernet Capability:	Yes
Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2022-01-01
Date Certified:	2022-05-11
Markets:	United States
ENERGY STAR Certified:	Yes

Additional Model Information

Activa Micro,M1.*#.##.##,

UPC Codes	

Captured On:
08/01/2023