


# THE ECO DECLARATION



ECMA/TC38-TG3/2015/026  
(Rev. 1 – 15 April 2017)

## Annex B2 - Product environmental attributes Desktop/All-in-One Computers

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 *	Lenovo	Logo 
Company name *	Lenovo	
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Internet site *	<a href="http://www.lenovo.com/social_responsibility/us/en/environment.html">http://www.lenovo.com/social_responsibility/us/en/environment.html</a>	
Additional information	The latest version of this document can be found at: <a href="http://www.lenovo.com/ecodeclaration">http://www.lenovo.com/ecodeclaration</a>	

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 *	Personal Computer
Commercial name *	ThinkCentre M70 Tiny
Model number *	11DT, 11DU, 11DV, 11DW, 11DX, 11FA, 11FB, 11FC, 11FD
Issue date *	2020-4-30
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	Energy Star, EPEAT, TCO

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 *	11DT, 11DU, 11DV, 11DW, 11DX, 11FA, 11FB, 11FC, 11FD	Logo	
Issue date *	2020-4-30		

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.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure">https://www.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure</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 type="checkbox"/>	<input checked="" 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: <a href="https://www.lenovo.com/us/en/compliance/eu-doc">https://www.lenovo.com/us/en/compliance/eu-doc</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: <a href="https://www.lenovo.com/us/en/compliance/eco-declaration">https://www.lenovo.com/us/en/compliance/eco-declaration</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 *	11DT, 11DU, 11DV, 11DW, 11DX, 11FA, 11FB, 11FC, 11FD	Logo	
Issue date *	2020-4-30		

Product environmental attributes - Market requirements (See General NOTE GN below)		Requirement met		
- Environmental conscious design		Yes	No	n.a.
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.			
<b>P7 Design, 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: 5 years			<input type="checkbox"/>
P7.10	Service is available after end of production for: 5 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>ABS</b> Material type: <b>PC</b> Material type: <b>ABS+PC</b>			
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:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): <input type="checkbox"/> TBBPA (additive), <input type="checkbox"/> TBBPA (reactive) (See NOTE B3), <input type="checkbox"/> Other: , CAS #: Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: Alt. 2: 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 type="checkbox"/>	<input checked="" type="checkbox"/>
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):	<input type="checkbox"/>	<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 *	11DT, 11DU, 11DV, 11DW, 11DX, 11FA, 11FB, 11FC, 11FD	Logo	
Issue date *	2020-4-30		


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):	<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>Lithium Ion/Lithium Manganese Dioxide</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 *
<i>Peak (On-max)</i>	38.39 W	38.62 W	37.88 W	<i>Full load</i>
<b>Category I1</b>				
<i>Short Idle State - WOL Enabled</i>	7.74 W	7.73 W	7.75 W	<i>Use for ENERGY STAR V8 registration (P<sub>idle</sub>)</i>
<i>Long Idle State - WOL Enabled</i>	6.65 W	6.65 W	6.63 W	<i>Use for ENERGY STAR V8 registration (P<sub>idle</sub>)</i>
<i>Sleep (S3) - WOL Enabled</i>	1.9 W	1.9 W	1.9 W	<i>Use for ENERGY STAR V8 registration (P<sub>sleep</sub>)</i>
<i>Off (S5) - WOL Enabled</i>	0.4 W	0.4 W	0.4 W	<i>Use for ENERGY STAR V8 registration (P<sub>off</sub>)</i>
<i>Off (S5) - WOL Disabled</i>	0.25 W	0.25 W	0.25 W	<i>Use for ErP</i>
<b>Category I2</b>				
<i>Short Idle State - WOL Enabled</i>	11.56 W	11.53 W	11.82 W	<i>Use for ENERGY STAR V8 registration</i>
<i>Long Idle State - WOL Enabled</i>	9.69 W	9.66 W	9.73 W	<i>Use for ENERGY STAR V8 registration</i>
<i>Sleep (S3) - WOL Enabled</i>	1.6 W	1.6 W	1.6 W	<i>Use for ENERGY STAR V8 registration</i>
<i>Off (S5) - WOL Enabled</i>	0.8 W	0.8 W	0.8 W	<i>Use for ENERGY STAR V8 registration</i>
<i>Off (S5) - WOL Disabled</i>	0.25 W	0.25 W	0.25 W	<i>Use for ErP</i>
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	W	0.120 W	0.168 W	<input type="checkbox"/>
PTEC * Typical Energy Consumption	W	W	W	<input checked="" type="checkbox"/>
ETEC * Annual Energy Consumption	34.18 46.23 kWh/year	34.16 46.12 kWh/year	34.19 46.94 kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times 0.45 + P_{sleep} \times 0.05 + P_{long\_idle} \times 0.15 + P_{short\_idle} \times 0.35)$ <i>P<sub>off</sub>: Off Mode(S5) - WOL Enabled; P<sub>sleep</sub>: Sleep Mode(S3) - WOL Enabled; P<sub>idle</sub>: Idle State - WOL Enabled</i>
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * : VI <input type="checkbox"/>				
Display resolution * : megapixels <input checked="" type="checkbox"/>				
Default time to enter energy save mode: 25 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</b> – Declared according to ISO 9296 (See NOTE B9)				
P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, L <sub>WA,c</sub> (B)	
	Idle	* <i>HDD: Idle</i>	* 3.2 <input type="checkbox"/>	
	Operation	* <i>HDD: Operating</i>	* 3.6 <input type="checkbox"/>	
	Other mode	<i>Declared A-weighted sound pressure level (dB) L<sub>pAm</sub></i>	24.5 (operator position desktop – idle)	
	Other mode	<i>Declared A-weighted sound pressure level (dB) L<sub>pAm</sub></i>	27 (operator position desktop – operating)	
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>

<b>Model number *</b>	<b>11DT, 11DU, 11DV, 11DW, 11DX, 11FA, 11FB, 11FC, 11FD</b>	<b>Logo</b>			
<b>Issue date *</b>	<b>2020-4-30</b>				
<b>Product environmental attributes - Market requirements (continued)</b>				<b>Requirement met</b>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P13 Packaging and documentation</b>					
P13.1*	Product packaging material type(s): <b>Corrugated Fiberboard</b> weight (kg): <b>0.345</b> Product packaging material type(s): <b>EPE</b> weight (kg): <b>0.083</b> Product packaging material type(s): <b>LDPE</b> weight (kg): <b>0.01</b>				
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: <b>70%</b> %				<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): <input checked="" type="checkbox"/> Electronic, <input checked="" type="checkbox"/> Paper, <input type="checkbox"/> Other				<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 type="checkbox"/>	
			<input checked="" 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: <b>8.0</b>	Date: <b>2020/3</b>	Product category: <b>Desktop</b>	
	Eco-label: <b>TCO</b>	Criteria version: <b>8.0</b>	Date: <b>2020/5</b>	Product category: <b>Desktop</b>	
	Eco-label:	Criteria version:	Date:	Product category:	
<b>P15 Additional information (See NOTE B10)</b>					
P9	<b>Energy consumption of specific configuration may vary; description of the tested product configuration:</b>				
	I1-G5900T/32GB/M.2&2.5"HDD				
	I2-I9-10900T/32GB/M.2&2.5"HDD				
P9	See Energy Star Qualified Notebooks & Tablet Computers for the latest information: <a href="http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&amp;pgw_code=CO">http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&amp;pgw_code=CO</a>				

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

# Lenovo ErP Lot3 Information Sheet


## - PC / Notebook -

As required by COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers (ErP Lot3).

### Products scope of this sheet:

Desktop computer, integrated desktop computer, and notebook computer

This document is only valid in connection with the IT Eco Declaration of the specific Product.

Commercial name	<a href="#">ThinkCentre M70 Tiny</a>	Logo 
Model Number	<a href="#">11DT, 11DU, 11DV, 11DW, 11DX, 11FA, 11FB, 11FC, 11FD</a>	
Issue Date	<a href="#">2020-4-30</a>	
Additional information	<a href="#">Energy Star, EPEAT, TCO,</a>	

P7.1.1 Product environmental attributes						
(d)	year of manufacture:			<a href="#">2020</a>		
(e)	<b>Etec value</b> (kWh) per ErP Lot 3 Category and capability adjustments applied when <b>all discrete graphics cards (dGfx) are disabled</b> and if the system is tested with switchable graphics mode with UMA driving the display.					
(f)	<b>Etec value</b> (kWh) per ErP Lot 3 Category and capability adjustments applied when <b>all discrete graphics cards (dGfx) are enable</b>					
		Category A	Category B	Category C	Category D	
		(according to ErP Lot 3)	(according to ErP Lot 3)	(according to ErP Lot 3)	(according to ErP Lot 3)	
capability adjustments applied during testing	Memory over base [GB]		<a href="#">64</a>		<a href="#">64</a>	
	Additional internal storage	(Yes / No)	<a href="#">Yes</a> (Yes / No)	(Yes / No)	<a href="#">Yes</a> (Yes / No)	
	Discrete television tuner	(Yes / No)	<a href="#">Yes</a> (Yes / No)	(Yes / No)	<a href="#">Yes</a> (Yes / No)	
	Discrete Audio Card	(Yes / No)	<a href="#">No</a> (Yes / No)	(Yes / No)	<a href="#">No</a> (Yes / No)	
	Discrete graphics Card(s) [number / #]	(Yes / No) #:	<a href="#">No</a> #: (Yes / No)	(Yes / No) #:	<a href="#">No</a> #: (Yes / No)	
	Category of discrete graphics Card(s)		<a href="#">No</a>		<a href="#">No</a>	
Test results	<b>Etec Value (kWh) - dGfx disabled</b> all discrete graphics cards (dGfx) are <b>disabled</b> / UMA is active for switchable graphics/ product has no graphics cards (dGfx)		<a href="#">26.97</a>		<a href="#">29.88</a>	
	<b>Etec Value (kWh) - dGfx enabled</b> all discrete graphics cards (dGfx) are <b>enabled</b>					
(g)	Idle state power demand (Watts);			<a href="#">6.43</a> <a href="#">7.22</a>		
(h)	Sleep mode power demand (Watts);			<a href="#">1.77</a> <a href="#">1.98</a>		
(i)	Sleep mode with WOL enabled power demand (Watts) (where enabled);			<a href="#">1.77</a> <a href="#">1.98</a>		
(j)	Off mode power demand (Watts);			<a href="#">0.76</a> <a href="#">0.77</a>		
(k)	Off mode with WOL enabled power demand (Watts) (where enabled);			<a href="#">0.22</a> <a href="#">0.23</a>		
(l)	Internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power (if applicable):	10%	20%	50%	100%	Average

(m)	External power supply efficiency (if applicable)*: Average active efficiency: <b>ADP-65ME, 91.94%</b> <b>A19-065N2A, 88.7%</b> <b>ADP-90ME, 89.93%</b> <b>PA-1900-74FS, 88.61%</b> <b>A19-090P3A, 89.87%</b> <b>ADP-135JB, 90.5%</b> <b>PA-1131-72, 90.11%</b> <b>ADP-170CB, 91.39%</b>																																					
	<small>*internal note: show values for all available external power supplies</small>																																					
(o)	Minimum number of loading cycles that the batteries can withstand (applies only to notebook computers): <span style="float: right;"><i>N/A</i></span>																																					
(p-1)	Measurement methodology used to determine information mentioned in points (l) – internal PSU efficiency: <span style="float: right;"><i>N/A</i></span>																																					
(p-2)	Measurement methodology used to determine information mentioned in points (m) – external PSU efficiency: <span style="float: right;"><i>Erp Lot7</i></span>																																					
(p-3)	Measurement methodology used to determine information mentioned in points (o) – loading cycles batteries: <span style="float: right;"><i>N/A</i></span>																																					
(p-4)	Measurement methodology used to determine information mentioned in maximum, idle, sleep, off mode power as defined in Point P9.1 in the Product IT Eco Declaration:  <span style="float: right;"><i>IEC 62623 Ed. 1.0, 2012-10</i></span>																																					
(q)	Sequence of steps for achieving a stable condition with respect to power demand:  <span style="float: right;"><i>Based on Energy Star Computer V8l/Power on-&gt;Wait 5 minutes-&gt;Stable condition(Short idle)</i></span>																																					
(r)	Description of how sleep and/or off mode was selected or programmed:  <span style="float: right;"><i>Based on user manual</i></span>																																					
(s)	Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:  <span style="float: right;"><i>Based on user manual</i></span>																																					
(t)	<b>Duration of idle state condition before the computer automatically reaches sleep mode</b> , or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): <span style="float: right;"><i>25</i></span>																																					
(u)	<b>Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode</b> (in minutes): <span style="float: right;"><i>N/A</i></span>																																					
(v)	<b>Length of time before the display sleep mode is set to activate</b> after user inactivity (in minutes): <span style="float: right;"><i>10</i></span>																																					
(w)	Information on the energy-saving potential of power management functionality:  <span style="float: right;"><i>N/A</i></span>																																					
(x)	User information on how to enable the power management functionality:  <span style="float: right;"><i>Refer to User Guide</i></span>																																					
(z)	Test parameters for measurements: — test voltage in V and frequency in Hz, — total harmonic distortion of the electricity supply system, — information and documentation on the instrumentation, set-up and circuits used for electrical testing:  <span style="float: right;"><i>230V/50Hz</i></span>																																					
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**Additional Notebook Battery Information:**

	<b>Battery[ies] <u>not</u> user replaceable</b> The battery[ies] in this product cannot be easily replaced by users themselves. <sup>1)</sup>	<b>Battery[ies] user replaceable</b>	<i>n/a</i>
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Internal/built-in Battery	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
External/detachable Battery	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bios Backup Battery	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Additional information</b>			

1)

The battery[ies] in this product cannot be easily replaced by users themselves.

Акумуляторната[ите] батерия[и] в този продукт не може да се замени[ят] лесно от самите потребители.

Las baterías de este producto no pueden ser sustituidas fácilmente por los propios usuarios.

Výměnu baterie/baterií v tomto výrobku by neměli provádět sami uživatelé.

Brugeren kan ikke uden videre udskifte batteriet/batterierne i dette produkt.

Der Akku/die Akkus dieses Produkts kann/können nicht ohne weiteres vom Benutzer selbst ausgetauscht werden.

Kasutajad ei saa selle toote akut/akusid ise hõlpsasti asendada.

Η μπαταρία[-ες] στο προϊόν αυτό δεν μπορούν να αντικατασταθούν εύκολα από τους ίδιους τους χρήστες

La/les batterie(s) présente(s) dans ce produit ne peuvent être facilement remplacée(s) par les utilisateurs eux-mêmes.

Korisnik ne može lako zamijeniti Bateriju sam u ovom proizvodu.

La batteria/le batterie in questo prodotto non può/possono essere facilmente sostituita/e dall'utente.

Lietotāji paši nevar nomainīt šā ražojuma akumulatoru(-us).

Šio gaminio baterijos [baterijų] pats vartotojas negali lengvai pakeisti.

A termék akkumulátorát/akkumulátorait a felhasználó nem tudja egyedül egyszerűen kicserélni.

Il-batterija/batteriji f'dan il-prodott ma tistax/jistghux tiġi/jiġu sostitwita/i mill-utenti stess.

Batteriet [ene] i dette produktet kan ikke lett erstattes av brukerne selv.

De batterij(en) in dit product is (zijn) door de gebruiker niet gemakkelijk vervangbaar.

Użytkownik nie może sam w łatwy sposób wymienić baterii w tym produkcie.

A ou as baterias deste produto não podem ser facilmente substituídas pelos próprios utilizadores.

Bateria (bateriile) din acest produs nu poate (pot) fi ușor înlocuită (înlocuite) de utilizatorii înșiși.

Batériu(-ie) v tomto výrobku nemôže vymieňať používateľ.

Baterij/baterije v tem izdelku uporabniki sami ne morejo zlahka zamenjati.

Tämän tuotteen akku [akut] ei[vät] ole helposti käytäjän vaihdettavissa.

Det är inte enkelt för kunden att själv byta ut batteriet/batterierna.

Bu üründe ki batarya(lar) kullanıcılar tarafından kolaylıkla değiştirilemez.