



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

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		
Contact information *	Lenovo Global Environmental Affairs		Lenovo
e-mail address	Alvin L Carter		LCIIOVO
	alcarter@lenovo.com		
Internet site *	http://www.lenovo.com/social_responsibility/us/en/environment	.html	
Additional information	The latest version of this document can be found at:		
	http://www.lenovo.com/ecodeclaration		

The company declares (based on product specification or test results based obtained from sample testing), that the product					
conforms to the statemen	conforms to the statements given in this declaration.					
Type of product *	Personal Computer					
Commercial name *	ThinkCentre M715 Tiny Gen 2					
Model number *	10VG, 10VH, 10VJ, 10VK					
Issue date *	2018-5-9					
Intended market *	Global Europe Asia, Pacific & Japan Americas Other					
Additional information	Energy Star 7.0 Qualified; EPEAT Gold					

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 nu	mber *	10VG, 10VH, 10VJ, 10VK	Logo	Lon		
Issue dat	e *	2018-5-9		Len		J _{tm}
Product	environ	mental attributes - Legal requirements		Require	men	t met
Item				Yes	No	n.a.
P1		ous substances and preparations				
P1.1*	Products	s do comply with current European RoHS Directive. (See legal reference and NOTE	∃ B1)	\boxtimes		
P1.2*		s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.		\boxtimes		
P1.3*	hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrach ethane, methyl bromide (see legal reference). Comment: Legal reference has no mation values.				
P1.4*	terpheny	s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polych vl (PCT) in preparations (see legal reference).				
P1.5*		s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carl ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).	bon atoms in th	e 🔀		
P1.6*	(see lega	th direct and prolonged skin contact do not release nickel in concentrations above 0 al reference). nt: Max limit in legal reference when tested according to EN1811:2011-5.),5 µg/cm²/weel	(<u> </u>		
P1.7*	REACH	Article 33 information about substances in articles is available at (add URL or mail w.lenovo.com/social_responsibility/us/en/environment.html	contact):			
P2	Batterie	s				
P2.1*		oduct contains a battery or an accumulator, the battery/accumulator is labeled with land Information on proper disposal is provided in user manual. (See legal reference)	the disposal	\boxtimes		
P2.2*	Batteries referenc	s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadme)	nium. (See lega	I 🔀		
P2.3*	Batteries	s and accumulators are readily removable. (See legal reference)		X		
P3	Conform	nity verification & Eco design (ErP)				
P3.1*		duct is CE-marked to show conformance with applicable legal requirements (see legal requirements) delaration of Conformity can be requested at: https://www.lenovo.com/us/en/compliar		\boxtimes		
P3.2*		duct complies with the Eco design requirements for energy-related products, al reference).		\boxtimes		
		d information is; given in item P15 or added to this document, available at: https://www.lenovo.com/us/en/compliance/e	eco-declaration			
P5	Product	packaging				
P5.1*	Packagii	ng and packaging components do not contain more than 0,01% lead, mercur ent chromium by weight of these together.	y, cadmium an	d 🔀		
P5.2*	The pac	kaging materials are marked with abbreviations and numbers indicating the nature be legal reference).	of the material(s) 🔀		
P5.3*	The prod	duct packaging material is free from ozone depleting substances as specified in the Nal reference). In telerence). In the Legal reference has no maximum concentration values.	Montreal Protoc	ol 🔀		
P6		nt information				
P6.1*	Informati	on for recyclers/treatment facilities is available (see legal reference).		X		

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 *	10VG, 10VH, 10VJ, 10VK	Logo	Lanova
Issue date *	2018-5-9		LEI IOVO"

Produc	t environmental attributes - Market requirements (See General NOTE GN below)			
		Require	ment	met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P7	Design Piccocombby recording			
P7.1*	Disassembly, recycling Parts that have to be treated separately are easily separable			
P7.2*	Plastic materials in covers/housing have no surface coating.	\overline{X}	+	
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.		 	
P7.5*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).			
F1.0	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	\square		
P7.8*	Upgrading can be done using commonly available tools		\vdash	\vdash
P7.9	Spare parts are available after end of production for: 5 years			\blacksquare
P7.10	Service is available after end of production for: 5 years			+
17.10	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):			
	Material type: PC Material type: SGCC			
P7.12	Insulation materials of external electrical cables are PVC free.		\boxtimes	
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	İ		
P7.15	more than 25% post-consumer recycled content.			
	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low haloger as defined in IEC 61249-2-21. (See 1NOTE B2)			
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking:			
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: Brominated Epoxy Resin , CAS #:	\boxtimes		
		_	_	
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g			\boxtimes
	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)	Ш		\boxtimes
	2. Chemical name: , CAS #: (See NOTE B4)			
	3. Chemical name: , CAS #: "			
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:			\square
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been	$\overline{}$	Ħ	
	assigned the following Risk phrases; and Hazard statements:	ш	ш	
	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 B6):	X		
	ICVEO at head and filled a college of sealed a help and all the			
	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) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is 0% .			
	or			
	b) The weight of recycled material is 20.2 g.			

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 *	10VG, 10VH, 10VJ, 10VK	Logo	Lonovo
Issue date *	2018-5-9		Lei Iovo.

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

		stance requirements			
P7.21*	Biobased plastic n	naterial content is used	in the product (See No	OTE B7):	
P7.22*		free from mercury, i.e. specify: Number of lar	less than 0,1 mg/lamp. mps: and maxim	um mercury content pe	er lamp: mg
P8	Batteries				
P8.1*	Battery chemical of	composition: Lithium I	on/Lithium Manganes	e Dioxide	
P9		tion (See NOTE B8)			
P9.1			s or energy consumption		
Energy mo	de *	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 *
Peak (On-	mayl	W	W	W AC	Full load
•		VV	VV	VV	T ull load
Categor					
Short Idle Enabled	State - WOL	10.97 W	11.03 W	10.93 W	Use for ENERGY STAR V6 registration (P _{idle})
Long Idle Enabled	State - WOL	8.98 W	9.15 W	9.04 W	Use for ENERGY STAR V6 registration (P _{idle})
Sleep (S3)	- WOL Enabled	1.00 W	1.01 W	1.05 W	Use for ENERGY STAR V6 registration(P _{sleep})
Off (S5) - I	WOL Enabled	0.84 W	0.84 W	0.89 W	Use for ENERGY STAR V6 registration(P _{off})
Categor	<u>y 13</u>				
Short Idle Enabled	State - WOL	12.29 W	12.28 W	12.51 W	Reference
Long Idle Enabled	State - WOL	10.30 W	10.68 W	10.86 W	Reference
Sleep (S3)	- WOL Enabled	1.03 W	1.02 W	1.11 W	Reference
	WOL Enabled	0.85 W	0.85 W	0.91 W	Reference
EPS No-lo (External power swall outlet but dis	ad supply / charger plugged in the connected from the product.)	W	0.146 W	0.186 W	
ETEC * Annual En	ergy Consumption	49.21 kWh/year 55.01 kWh/year	49.62 kWh/year 55.50 kWh/year	49.35 kWh/year 56.71 kWh/year	ETEC = (8760/1000) x (Poff x 0.45 + P _{sleep} x 0.05 + P _{long_Idle} x 0.15+ P _{short_Idle} x 0.35)
		P _{off} : Off Mode(S	S5) - WOL Enabled; Psleep	: Sleep Mode(S3) - WOL	Enabled; P _{idle} : Idle State - WOL Enabled
			Efficiency Marking Pro	DIOCOI) * : VI	
		ave mode: 25 minutes			
P9.2*	Information about	the energy save functi	on is provided with the	product.	
P9.3	Energy efficiency	class (monitors only):			
P10	Emissions				
			ISO 9296 (See NOTE		
P10.1		Mode description			it A-weighted sound power level, L _{WA,c} (B)
	Idle *	HDD:Idle		* 3	
	Operation *	HDD: Operating		* 3.4	
	Other mode	Declared A-weighted soun	d pressure level (dB) L_{pAn}	18 (operator position	n desktop – idle)
	Other mode L	Declared A-weighted soun	d pressure level (dB) L_{pAn}	20 (operator position	on desktop – operating)
	Measured accordi	ng to: X ISO 7779 COther	ECMA-74 (only if not covered by	FCMA-74)	
		Juioi	(Siny if flot covered by	-CIVII (I T)	

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;

 $see \ \underline{http://www.ecma-international.org/publications/standards/Ecma-370.htm}$

Product environmental attributes - Market requirements (continued) Item 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): Carton weight (kg): 0.93 Product packaging material type(s): EPE weight (kg): 0.08 Product packaging material type(s): weight (kg): P13.2* Product plastic primary packaging is free from PVC.	Require Yes		met n.a.
Plackaging and documentation Plackaging material type(s): EPE Product packaging material type(s): EPE Plackaging material type(s): Electromagnetic fields of the following voluntary program(s): Plackaging material type(s): EPE Plackaging material type			n.a.
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): Carton Product packaging material type(s): EPE Weight (kg): 0.08 Product packaging material type(s): weight (kg): weight (kg):	Yes	No	
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): Carton weight (kg): 0.93 Product packaging material type(s): EPE weight (kg): 0.08 Product packaging material type(s): weight (kg):			
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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): Carton Product packaging material type(s): EPE Weight (kg): 0.08 Product packaging material type(s): Weight (kg): 0.08			
P13 Packaging and documentation P13.1* Product packaging material type(s): Carton Product packaging material type(s): EPE weight (kg): 0.08 Product packaging material type(s): weight (kg): 0.08			
P13.1* Product packaging material type(s): Carton Product packaging material type(s): EPE Product packaging material type(s): weight (kg): 0.08 Product packaging material type(s): weight (kg):			\boxtimes
Product packaging material type(s): <i>EPE</i> weight (kg): <i>0.08</i> Product packaging material type(s): weight (kg):			
P13.2* Product plastic primary packaging is free from PVC			
1 10.2 1 100000 plantary packaging to 1100 110111 1 VO.	\boxtimes		
P13.3* For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post consumer recovered fiber content: 70 %	st-		
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: 7.0 Date: Product category: 11,13 Eco-label: Criteria version: Date: Product category: Eco-label: Criteria version: Date: Product category:			
P15 Additional information (See NOTE B10)			
P9 Energy consumption of specific configuration may vary; description of the tested product configurate			
= in igy concerns or opening configuration may rany, accompaning an area control product configuration			
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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	ThinkCentre M715 Tiny Gen 2	Logo
Model Number	10VG, 10VH, 10VJ, 10VK	Lanava
Issue Date	2018-5-9	Lenovo
Additional information	Energy Star 7.0 Qualified; EPEAT Gold;	

						2018
						cards (dGfx) are
Etec value (l	kWh) per Erl	P Lot 3 Catego	ry and capability adjus	tments applied when a	all discrete graphics	cards (dGfx) are
			Category A (according to ErP Lot 3)	Category B (according to ErP Lot 3)	Category C (according to ErP Lot 3)	Category D (according to ErP Lot 3)
Memory over b	ase [GB]			6		4
Additional inter	nal storage		(Yes / No)	No (Yes / No)	(Yes / No)	No (Yes / No)
Discrete televis	sion tuner		(Yes / No)	No (Yes / No)	(Yes / No)	No (Yes / No)
Discrete Audio	Card		(Yes / No)	No (Yes / No)	(Yes / No)	No (Yes / No)
Discrete graph	ics Card(s) [number / #]	#: (Yes / No)	No #: (Yes / No)	#: (Yes / No)	No #: (Yes / No)
Category of dis	crete graphi	ics Card(s)				
all discrete graphics c UMA is active for swite	ards (dGfx) are dis chable graphics/	fx disabled sabled/		43.03		48.71
Etec Value (kWh) - dGt					
Idle state pov	wer demand	(Watts);			<u> </u>	10.93 12.51
Sleep mode	power dema	nd (Watts);				1.09 0.97
Sleep mode	with WOL er	nabled power d	emand (Watts) (where	e enabled);		1.11 0.99
Off mode pov	wer demand	(Watts);				0.79 0.83
Off mode wit	h WOL enab	oled power den	nand (Watts) (where er	nabled);		0.89 0.91
Internal power	er supply effi	ciency at 10 %	, 20 %, 50 % and 100	% of rated output pow	er (if applicable):	
10%	20%	50%	100% Aver	age		
Average actir ADP-65FD E PA-1650-72I A17-065N2A PA-1900-72 ADP-90XD 8	ve efficiency 3 89.04% A 88.147% 3 88.4% 88.83% 38.52%	:	·			
	Memory over be Additional inter Discrete televis Discrete Audio Discrete graph Category of dis Etec Value (I all discrete graphics of UMA is active for switch product has no graphic Etec Value (I all discrete graphics of UMA is active for switch product has no graphic Etec Value (I all discrete graphics of UMA is active for switch product has no graphic Etec Value (I all discrete graphics of UMA is active for switch product has no graphic Etec Value (I all discrete graphics of UMA is active for switch product has no graphic Etec Value (I all discrete graphics of UMA in the Company of UMA	disabled and if the syster Etec value (kWh) per Erienable Memory over base [GB] Additional internal storage Discrete television tuner Discrete Audio Card Discrete graphics Card(s) [Category of discrete graphics lumanistic sactive for switchable graphics/product has no graphics cards (dGfx) are distumed to the state power demand sleep mode power demand Sleep mode power demand Sleep mode with WOL erien Off mode with WOL erien Off mode with WOL enable the state power supply efficiency ADP-65FD B 89.04% PA-1650-72IA 88.147% A17-065N2A 88.4% PA-1900-72 88.83% ADP-90XD 88.52% "internal note: show values for all	disabled and if the system is tested with Etec value (kWh) per ErP Lot 3 Categorenable Memory over base [GB] Additional internal storage Discrete television tuner Discrete Audio Card Discrete graphics Card(s) [number / #] Category of discrete graphics Card(s) Etec Value (kWh) - dGfx disabled all discrete graphics cards (dGfx) are disabled/ UMA is active for switchable graphics/product has no graphics cards (dGfx) are enabled all discrete graphics cards (dGfx) are enabled Idle state power demand (Watts); Sleep mode power demand (Watts); Sleep mode with WOL enabled power demand off mode power demand (Watts); Off mode with WOL enabled power demand node with WOL enabled power demand (Watts); Off mode with WOL enabled power demand node with WOL enabled power demand (Watts); Sleep mode with WOL enabled power demand node with WOL enabled node node node node node node nod	Etec value (kWh) per ErP Lot 3 Category and capability adjust enable Category A (according to ErP Lot 3) Memory over base [GB] Additional internal storage (Yes / No) Discrete television tuner (Yes / No) Discrete Audio Card (Yes / No) Discrete graphics Card(s) [number / #] #: (Yes / No) Category of discrete graphics Card(s) Etec Value (kWh) - dGfx disabled all discrete graphics cards (dGfx) are disabled/ UMA is active for switchable graphical product has no graphics cards (dGfx) Etec Value (kWh) - dGfx enabled all discrete graphics cards (dGfx) Etec Value (kWh) - dGfx enabled all discrete graphics cards (dGfx) Sleep mode with WOL enabled power demand (Watts) (where of the power demand (Watts); Sleep mode with WOL enabled power demand (Watts) (where enabled internal power supply efficiency at 10 %, 20 %, 50 % and 100 10% 20% 50% 100% Aver External power supply efficiency; (if applicable)*: Average active efficiency: ADP-65FD B 89.04% PA-1650-72IA 88.147% A17-065N2A 88.44% PA-1900-72 88.83% ADP-90XD 88.52% 'internal note: show values for all available external power supplies	disabled and if the system is tested with switchable graphics mode with UMA driving Etec value (kWh) per ErP Lot 3 Category and capability adjustments applied when a enable Category A (according to ErP Lot 3)	Category A (according to ErP Lot 3) Category B (according to ErP Lot 3) Category C (Yes / No) (Y

(p-1)	Measurement methodology used to determine information mentioned in points (I) – internal PSU efficiency: N/A				
(p-2)	Measurement methodology used to determine information mentioned in points (m) – external PSU efficiency: ErP Lot7				
(p-3)	Measurement methodology used to determine information mentioned in points (o) – loading cycles batteries: N/A				
(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: IEC 62623 / IEC EN50564:2011 measurement methodology				
(d)	Sequence of steps for achieving a stable condition with respect to power demand: **Based on user manual** **Based on use				
(r)	Description of how sleep and/or off mode was selected or programmed: **Based on user manual**				
(s)	(s) Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode: **Based on user manual**				
(t)	Duration of idle state condition before the computer automatically reaches sleep mode, or another			25minutes	
(u)	condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power			25minutes	
(11)	mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes):			10minutes	
(v) (w)					
(x)	(x) User information on how to enable the power management functionality: **Refer to User Guide**				
(z)	(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:				
230V/50Hz					
Addition	n Notebook Battery				
		Battery[ies] <u>not</u> user replaceable	Battery[ies] user replaceable	n/a	
		The battery[ies] in this product cannot be easily replaced by users themselves. 1)			
Internal/built-in Battery					
External/detachable Battery					
Bios Backup Battery					
Other:					
Addition	al information			•	
					

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

Акумулаторната[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. II-batterija/batteriji f'dan iI-prodott ma tistax/jistgħux tiġi/jiġu sostitwita/i mill-utenti stess.

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

De batterist [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 uşor înlocuită (înlocuite) de utilizatorii înşişi.

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

Baterij/baterije v tem izdelku uporabniki sami ne morejo zlahka zamenjati. Tämän tuotteen akku [akut] ei[vät] ole helposti käyttäjän vaihdettavissa.

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

Bu üründeki batarya(lar) kullanıcılar tarafından kolaylıkla değiştirilemez.