

## Product environmental attributes – THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P14.

Brand *	Lenovo	Logo		
Company name *	Lenovo			
Contact information *	Lenovo Global Environmental Affairs Alvin L Carter 1009 Think Place Building 2 / 5F1 Morrisville, North Carolina 27560 alcarter@lenovo.com	lenovo		
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/social_responsibility/us/en/datasheets_	notebooks.html		

	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				
Commercial name *	Erazer X310				
Model number *	90AV; 90AU				
Issue date *	2014-05-20				
Intended market *	🔀 Global 📃 Europe 📃 Asia, Pacific & Japan 📃 Americas 📃 Other				
Additional information	ENERGY STAR® Qualified; GREENGUARD Certified				

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

Quality	Control	Requireme	nt met
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	$\boxtimes$	
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality contro such as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔀	

Model number *	Erazer X310	MT: 90AV; 90AU	90AV;	<b>90AU</b>	
Issue date *	2014-05-20			Logo	lenovo

It also	t environmental attributes - Legal requirements	Require	ement	met
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and 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).	$\square$		
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*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.			
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)			$\square$
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.			
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.			
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): http://www.lenovo.com/social_responsibility/us/en/materials.html			
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)			
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)	$\square$		
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medica or data integrity reasons do not have to be "easily removable". (See legal reference)			
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	$\square$		
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).			
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).			
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	$\square$		
P4	Consumable materials	ن <u>ب</u>		
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).			$\boxtimes$
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).			
P5	Product packaging			
	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and	X k		
P5.1*	hexavalent chromium by weight of these together.			

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

loous de	oto *	Erazer X310 MT: 90AV; 90AU	0.00	_		
Issue da	ate *	2014-05-20	Logo	leno	NO.	
Produc	ct enviror	mental attributes - Market requirements - Environmental conscious de	esian R	Require	ment	met
Item		atory to fill in. Additional information regarding each item may be found under P14.	<i></i>	Yes	No	n.a
P6		ent information			-	
P6.1*	Informat	tion for recyclers/treatment facilities is available (see legal reference).		$\square$		
P7	Design					
		embly, recycling				
P7.1*		at have to be treated separately are easily separable				
P7.2*		naterials in covers/housing have no surface coating.		<u> </u>		
P7.3*	-	parts >100g consist of one material or of easily separable materials.				
P7.4*		parts >25g have material codes according to ISO 11469 referring ISO 1043.		$\square$		
P7.5	Plastic p	parts are free from metal inlays or have inlays that can be removed with commonly a	/ailable tools.	$\square$		
P7.6*	Labels a	are easily separable. (This requirement does not apply to safety/regulatory labels).		$\boxtimes$		
		t lifetime				
P7.7*		ng can be done e.g. with processor, memory, cards or drives		$\square$		
P7.8*	Upgradi	ng can be done using commonly available tools		$\boxtimes$		
P7.9.	Spare pa	arts are available after end of production for: <b>5</b> years				
P7.10	Service	is available after end of production for: <b>5</b> years				
	Materia	I and substance requirements				
P7.11*		cover/housing material type:				
D7 40		type: ABS Material type: PC Material	type:			
P7.12		al cable insulation materials of power cables are PVC free.				
P7.13		al cable insulation materials of signal cables are PVC free				
P7.14		r/housing plastic parts >25g are free from chlorine and bromine.		$\square$		
P7.15	All printe Note B2	ed circuit boards (without components) >25g are halogen free. as defined in IEC61 )	249-2-21. (See			
P7.16	Flame re Marking	etarded plastic parts >25g in covers / housings are marked according ISO 1043-4:		$\boxtimes$		
P7.17		al specifications of flame retardants in printed circuit boards >25g (without componer (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:	its):			
	ISO 104	al specifications of flame retardants in printed circuit boards (without components) >2 3-4: Brominated Epoxy Resin See P14	25g according			
P7.18	concent Comm	retarded plastic parts >25g contain the following flame retardant substances/ rations above 0.1%: .ent: No legal limits exist, this is a market requirement.	preparations in			
	2. Chem	hical name: , CAS #: hical name: , CAS #: hical name: , CAS #:				
	Chemica	al specifications of flame retardants in plastic parts >25g according ISO 1043-4:				
P7.19	R40, R4	barts >25g are free from flame retardant substances/ preparations above 0.1% classi 6, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)	tied as R45,			
P7.20		plastic parts' weight >25g, recycled material content is <b>0%</b> .				
P7.21		plastic parts' weight >25g, biobased material content is 0%.				
P7.22		urces are free from mercury ry is used specify: Number of lamps: and max. mercury content per lamp:	mg	$\bowtie$		L
P8	Batterie		ing			
P8.1*		chemical composition:				
P8.2		s meet the requirements of the following voluntary program/s:				

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

	r X310			90AV; 90AU	
2014-00-20				Logo Ienovo.	
ental attril	outes - Mark	et requireme	ents (continued)	Requiremen	nt me
				Yes No	) n.
		ovels or opera	v consumptions are r	apartad: Saa B14	
		-			+   [
ſ	100 V AC			method *	' L
	W	W	W	Full load	Ē
			I		
OL Enabled	W	W	/ W	Use for ENERGY STAR V6 registration (P <sub>idle</sub> )	
OL Enabled	W	W	/ W	Use for ENERGY STAR V6 registration (P <sub>idle</sub> )	
abled	W	W	/ W	Use for ENERGY STAR V6 registration(P <sub>sleep</sub> )	
sabled	W	W	/ W	Reference	
led	W	W	/ W	Use for ENERGY STAR V6 registration(Poff)	
bled	W	W	/ W	Use for EuP	
			I		
OL Enabled	W	W	/ W	Use for ENERGY STAR V6 registration (Pidle)	
	W			· · · · · · · · · · · · · · · · · · ·	
				—	
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	•••				
OL Enabled	27 69 \//	27 96 \M	20.57\//	Use for ENERGY STAR V6 registration (P. )	
				· · · · · ·	
				· · ·	
	-				
				•	
bled	0.32 VV	0.33 VV	0.52 VV	Use for EuP	
				-	
				-	
				Use for ENERGY STAR V6 registration (P <sub>sleep</sub> )	
	<b>1.22</b> W	<b>1.25</b> W	1.47 W	Reference	
led	0.32 W	0.34 W	0.55 W	Use for ENERGY STAR V6 registration(Poff)	
bled	0.32 W	0.33 W	0.53 W	Use for EuP	
	33.02 W	<b>33.80</b> W	33.08 W	Use for ENERGY STAR V6 registration(P <sub>idle</sub> )	
	<b>32.73</b> W	<b>32.96</b> W	<b>32.03</b> W	•	
			1.46 W		
					┥Ļ
Jiea	0.29 VV	0.34 VV	0.50 VV	Use for EUP	+L
1 Enabled	30 16 \//	20 15 \//	20.261//	Use for ENEDGY STAD V6 registration/D	┥┍
				-	┥┝
					┥└
sabled	<b>1.23</b> W	<b>1.25</b> W	<b>1.47</b> W	Reference	
led	0.32 W	0.34 W	0.55 W	Use for ENERGY STAR V6 registration(P <sub>off</sub> )	_
	onsumptior           roduct the for           roduct the for           roduct the for           roduct the for           DL Enabled           DL Enabled	nental attributes - Marke         onsumption         roduct the following power I         Power level       100 V AC         W       W         DL Enabled       27.02 W         Dabled       1.23 W         sabled       1.21 W         Ded       0.32 W         DL Enabled       31.55 W         DL Enabled       31.25 W         DL Enabled       33.02 W         DL Enabled       33.02 W         DL Enabled       32.73 W         mabled       1.21 W         Sabled       1.21 W         DL Enabled       39.16 W         DL Enabled       39.273 W         DL Enabled <th< td=""><td>Internal attributes - Market requirement onsumption         Power level at 100 V AC       Power level at 115 V         Power level at 100 V AC       Power level 115 V         W       W         DL Enabled       W       W         DL Enabled       W       W         DL Enabled       W       W         Sabled       W       W         DL Enabled       W       W         Sabled       W       W         DL Enabled       W       W         DL Enabled       27.68 W       27.86 W         DL Enabled       1.21 W       1.25 W         Model       0.32 W       0.33 W         DL Enabled       31.55 W       31.27 W         sabled       1.22 W       1.25 W         Model       0.32 W       0.33 W         DL Enabled       33.02 W       33.80 W         DL Enabled</td><td>Insumption         roduct the following power levels or energy consumptions are information of the following power level at information of the following power le</td><td>ental attributes - Market requirements (continued)         Requirement Yes           ensumption         Yes         No           oducti the following power levels or energy consumptions are reported: See P14         Power level at 100 V AC         Power level at 115 V AC         Power level at 230 V AC         Reference / Standard for energy modes and tes method '           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           Sabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>emp</sub>) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P<sub>e</sub></td></th<>	Internal attributes - Market requirement onsumption         Power level at 100 V AC       Power level at 115 V         Power level at 100 V AC       Power level 115 V         W       W         DL Enabled       W       W         DL Enabled       W       W         DL Enabled       W       W         Sabled       W       W         DL Enabled       W       W         Sabled       W       W         DL Enabled       W       W         DL Enabled       27.68 W       27.86 W         DL Enabled       1.21 W       1.25 W         Model       0.32 W       0.33 W         DL Enabled       31.55 W       31.27 W         sabled       1.22 W       1.25 W         Model       0.32 W       0.33 W         DL Enabled       33.02 W       33.80 W         DL Enabled	Insumption         roduct the following power levels or energy consumptions are information of the following power level at information of the following power le	ental attributes - Market requirements (continued)         Requirement Yes           ensumption         Yes         No           oducti the following power levels or energy consumptions are reported: See P14         Power level at 100 V AC         Power level at 115 V AC         Power level at 230 V AC         Reference / Standard for energy modes and tes method '           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           Sabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>emp</sub> ) babled           DL Enabled         W         W         W         Use for ENERGY STAR V6 registration (P <sub>e</sub>

plugged in	oad power supply / char the wall outlet but ted from the produ	0	W	W			
PTEC * Typical Er	nergy Consumption	W	W	W			
TEC * Typical Er	nergy Consumption	kWh/week	kWh/week	kWh/week			
ETEC * Annual En	nergy Consumption	<b>170.45</b> kWh/year	175.51 kWh/year	172.39 kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times 0.55 + P_{sleep} \times 0.05 + P_{idle} \times 0.4)$		
		Poff: Off Mode(S	5) - WOL Enabled	d; P <sub>sleep</sub> : Sleep Mode(	S3) - WOL Enabled; P <sub>idle</sub> : Idle State - WOL Enabled		
Display re	solution* :	Megapixels					
Print Spee	ed*: I	mages per minute					
Default tin	ne to enter energy	save mode: 25 minute	es				
P9.2*	Information abou	t the energy save fund	ction is provided	with the product.			
P9.3*		ts the energy requirer version: <i>Version 6.</i>		owing voluntary prog Product category:	gram/s:		
P10	Emissions						
		<ul> <li>Declared according</li> </ul>	to ISO 9296	<u> </u>			
P10.1	Mode	Mode description		Declared A-weighted sound powe	$pr$ sound pressure level $L_{pAm}$ (uB)		
				level $L_{ m WAd}$ (	B) Operator position Bystander positions Desktop (only if product is not operator attended)		
	Idle	* HDD:Idle		* 4.1	30		
	Operation	* HDD: Operating		* 4.1	30		
	Other mode						
	Measured accord	ling to: 🗌 ISO7779 [	ECMA-74 (only if not co	overed by ECMA-74	with L <sub>pAm</sub> measurement distance m)		
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s:						

Model nu	mber *	Erazer X310	MT: 90	AV;	90AU	9	0AV; 90AU	J		
Issue date	e *	2014-05-202014-05-20					Logo	len	ovo	
Product	environr	nental attributes - Marl	ket requirem	nents (e	continued)			Requi	rement	t met
Item								Ye	s No	n.a.
	Chemic	al emissions from printin	g products							
P10.3*	Test per	formed according to ECMA	-328 (ISO/IEC	; 28360)	standard	, other specify	:			$\boxtimes$
P10.4	Typical e	emission rate (print phase)	is (mg/h):							Χ
		Dust Ozone	Styrene		enzene	TVOC				
P10.5		Il emission requirements of	the following styren			are me zene	t for : TVOC			$\boxtimes$
		nagnetic emissions	Styren	e 🛄	Der					
P10.6		er display meets the require	ement for low f	requenc	v electroma	netic fields of t	the following volunts	ary 🔀		
1 10.0	program			requerie	y ciccuonia		the following volunte			
P11		able materials for printin	g products							
P11.1*		Data Sheet (SDS) is availa		/toner p	reparation, e	ven if not legal	ly required (see P4.	3).		$\boxtimes$
P11.2*	Paper c EN1228	ontaining post-consumer r 1.	ecycled fibers	can be	e used, prov	ided that it me	eets the requiremer	nts of		
P11.3*	2-sided	duplex) printing/copying is	an integrated	product	function.					$\boxtimes$
P12	Ergono	nics for computing produ	ucts							
P12.1*	The disp	lay meets the ergonomic re	equirements of	f ISO 92	41-307 for v	isual display te	chnologies.	$\mathbf{X}$		
P12.2*	The physic	sical input device meets the	e requirements	s of ISO	9995 and IS	O 9241-410.		X		
P13	Packagi	ng and documentation								
P13.1*	Product	packaging material type(s):	carton	weight	(kg): <b>1.37</b>					
		packaging material type(s)			(kg): <b>0.29</b>					
D40.0t		packaging material type(s)		weight	(kg):					
P13.2*		plastic packaging is free fro		<i>(</i>				$\boxtimes$		
P13.3*		media for user and product	documentatio	n (tick b	ox):					
P13.4*		ic 🔀, Paper 🔀, Other 🗌	j					ما م		
P13.4"	fiber: 0	er user and product docume %	entation, pleas	e specir	y contained	percentage of p	ost-consumer recyc	ciea		
P14	Additior	al information (See Note	B4)							
		Supplier makes no represer								
	informat	on contained in this docum	ent. All inform	ation pr	ovided by su	pplier in this do	cument is provided	based on s	upplier's	3
		ge available at the time of o								
	informat	here is approximate and p		JimauOf	iai puipuses	only. See a Le	novo Account Repre	esentative I		
<b>P</b> 9		ergy Star Qualified Notebo	ooks & Tablet		iters for the	latest informa	ation:			
-		ww.energystar.gov/index.						=CO		

Note B4: 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 B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19

## 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	Erazer X310	Logo
Model Number	FOAV	_
Issue Date	2014-05-20	lenovo
Additional information		

P7.1.1	Product environmental attrib	utes							
(d)	Year of manufacture:			Availible on product label					
(e)	E TEC value (kWh) and capab are disabled and if the system display: Cat. B 118.70								
(f)		Cat. B 131.84 Cat. D 141.22							
(g)	idle state power demand (Wath	Ile state power demand (Watts);							
(h)	sleep mode power demand (W	sleep mode power demand (Watts);							
(i)	sleep mode with WOL enabled	sleep mode with WOL enabled power demand (Watts) (where enabled);							
(j)	off mode power demand (Watt	0.52							
(k)	off mode with WOL enabled po	ower demand (Watts) (where ena	abled);	0.54					
(I)		y at 10 %, 20 %, 50 % and 100 9 50% 86.51% 100% 83.02%	% of rated output power (if applicable)	):					
(m)	External power supply efficience	cy (if applicable):		N/A					
	10% 20% 50	0% 100% Avera	ige ;						
(0)		ng cycles that the batteries can v	vithstand (applies only to notebook	N/A					
(f)	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: Test voltage in V and frequency in Hz 230V/50Hz Total harmonic distortion of the electricity supply system ≤2% Information and documentation on the instrumentation, set-up and circuits used for electrical testing								
	Instrument	Range Used	Make and Model **						
	Туре	Or ***							
	AC Power Source	1~280VAC;1~550HZ;1000V A.	NF;EC1000S; SN:9152124						
	Digital Watch	Full range	CASIO; HS-70W; SN:208Q08R						

		Pow	er Meter	0~600V;0~20A	YOKOGAWA;WT210;SN:91M94456 0		
		Hyaroth	nermograph	15~35℃/15~90%	testo; 608-H1,SN:1034895602		
			anemometer	0~20m/s,-20~70℃	Testo;425;SN:02591883		
		Light N	Measuring	1°;1-300cd/ m <sup>2</sup>	Konica Minolta;LS-110;		
(p-1)		The measurement methodology used to determine information mentioned in points (I) – internal PSU					
	efficiency: 80 PLUS® Program						
(p-2)	The measurement methodology used to determine information mentioned in points (m) – external PSU efficiency:						
		N/A					
(p-3)	The measurement methodology used to determine information mentioned in points (o) – loadingcycles batteries:						
(p-4)	The 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 62301						
(q)	Sequence of steps for achieving a stable condition with respect to power demand::						
	Power on -> Wait 5 minutes ->Stable condition						
(r)	Description of how sleep and/or off mode was selected or programmed:						
	The computer will enter sleep mode automatically after no user or network activity for a period of time (it depends on power management setting)						
(s)	Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:						
For Sleep Mode, the computer will enter sleep mode automatically after no user or network activity for							
	a period of time (it depends on power management setting) For Off Mode, user could press "Start", and select "Shut down" in OS to allow the computer to shut off						
(t)	The <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): 25 minutes						
(u)	The length of time after a period of user inactivity in which the computer automatically reaches apower mode that has a lower power demand requirement than sleep mode (in minutes):10 minutes						
(v)	The length of time before the display sleep mode is set to activate after user inactivity (in minutes): 10 minutes						
(w)	Information on the energy-saving potential of power management functionality:						
				N/A			
(x)	(x) User information on how to enable the power management functionality:						
				Refer to User (	Guide		
	1	1	ery Information:	omputor is operated by het	tonyling that cannot be appared and replaced by	a non professional	
Yes	No	n/a	user.	omputer is operated by Dati	tery/ies that cannot be accessed and replaced by	a non-professional	
		The battery[ies] in this product cannot be easily replaced by users themselves					
Additio	onal infor	mation					
Juanto							