

## 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_monitors.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 *	Display					
Commercial name *	LT2252p Wide					
Model number *	MT:2572					
Issue date *	2013.11.25					
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.

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

Model number *	LT2252pwA	MT:2572		
Issue date *	2013.11.25	_	Logo	lenovo

<b>Product</b>	environmental attributes - Legal requirements	Requirement 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).				
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)			$\boxtimes$	
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/cm²/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)			$\boxtimes$	
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, medical 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).	X	$\Box$		
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).	$\boxtimes$	$\Box$		
P4	Consumable materials				
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).			$\boxtimes$	
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).			$\square$	
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				
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	d 🔀			
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	$\boxtimes$			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea Protocol (see legal reference).  Comment: Legal reference has no maximum concentration values.	al 🔀			

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

Model number *	LT2252pwA I	MT:2572		
Issue date *	2013.11.25		Logo	lenovo

Product	environmental attributes - Market requirements - Environmental conscious design	Require	ment	met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	$\boxtimes$		
P7	Design Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable	$\boxtimes$	П	
P7.2*	Plastic materials in covers/housing have no surface coating.		$\overline{\boxtimes}$	$\overline{\Box}$
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.		Ħ	Ī
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.		Ħ	Ħ
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		Ħ	$\overline{}$
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	$\boxtimes$	$\forall$	
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	$\square$	П	
P7.8*	Upgrading can be done using commonly available tools		$\forall$	
P7.9.	Spare parts are available after end of production for: 5 years			H
P7.10	Service is available after end of production for: 5 years	_		∺
1 7.10	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: <b>PC</b> Material type:			
P7.12	Electrical cable insulation materials of power cables are PVC free.		$\boxtimes$	
P7.13	Electrical cable insulation materials of signal cables are PVC free		$\overline{\boxtimes}$	
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.		$\overline{\sqcap}$	Ħ
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)	, 🗍		
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking:			
P7.17	Alt. 1  Chemical specifications of flame retardants in printed circuit boards >25g (without components):  TBBPA (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:			
	Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: <i>FR(16)</i>			
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:	ı 🗌		
	Comment: No legal limits exist, this is a market requirement.  1. Chemical name: , CAS #:			
	2. Chemical name: , CAS #: 3. Chemical name: , CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:			
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)			
P7.20	Of total plastic parts' weight >25g, recycled material content is 85%.	-		
P7.21	Of total plastic parts' weight >25g, biobased material content is 0%.			
P7.22	Light sources are free from mercury			
P8	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg  Batteries mg			
P8.1*	Battery chemical composition:			
P8.2	Batteries 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.

Model number *	LT2252pwA	MT:2572		
Issue date *	2013.11.25		Logo	lenovo

Product environment	al attributes - Ma	arket requi	rements (	continued)			Requ	iremen	t met
Item							Ye	s No	n.a.
P9 Energy cons									
9.1 For the produ	ct the following pow				ported: §	See P14			
Energy mode *	Power level 100 V AC		er level at 5 VAC	Power level at 230 V AC	Referer method	nce / Standard for ene I *	ergy modes	and test	
Peak (On-max)	16.41W	16.3	<b>3</b> W	16.30W	Full lo	oad			
Category A	•	•			•				
Idle State - WOL Enable	d 16.41W	16.3	<b>3</b> W	16.30W	Use for	r ENERGY STAR V6	registratio	n (P <sub>idle</sub> )	
Sleep (S3) - WOL Enable	ed 0.469W	0.45	<b>7</b> W	<b>0.467</b> W	Use for	r ENERGY STAR V6	registratio	n(P <sub>sleep</sub> )	
Sleep (S3) - WOL Disable	ed 0.469W	0.45	<b>7</b> W	<b>0.467</b> W	Refere	nce			
Off (S5) - WOL Enabled	0.106W	0.09	<b>9</b> W	<b>0.121</b> W	Use for	r ENERGY STAR V6	registratio	n(P <sub>off</sub> )	
Off (S5) - WOL Disabled	0.106W	0.09	<b>9</b> W	<b>0.121</b> W	Use for	r EuP			
Category B	•	•			•				
Idle State - WOL Enable	d W		W	W	Use for	r ENERGY STAR V6	registratio	n(P <sub>idle</sub> )	
Sleep (S3) - WOL Enable	ed W		W	W	Use for	r ENERGY STAR V6	registratio	n (P <sub>sleep</sub> )	
Sleep (S3) - WOL Disable	ed W		W	W	Refere	nce			
Off (S5) - WOL Enabled	W		W	W	Use for	r ENERGY STAR V6	registratio	n(P <sub>off</sub> )	
Off (S5) - WOL Disabled	W		W	W	Use for	r EuP			
EPS No-load	W		W	W					
(External power supply / charger plugged in the wa outlet but disconnected fr the product.)									
PTEC *	. W		W	W					
Typical Energy Consump	ion								
TEC * Typical Energy Consump	kWh/		/week	kWh/week					
ETEC * Annual Energy Consumpt	44.09kWh/ye	ear <b>43.8</b>	4kWh/year	<b>43.88</b> kWh/ye ar	E <sub>TEC</sub> = P <sub>idle</sub> x	(8760/1000) x (P <sub>off</sub> x 0 0.3)	0.6 + P <sub>sleep</sub>	x 0.1 +	
	P <sub>off</sub> : Off Mode	e(S5) - WOL E	nabled; P <sub>slee</sub>	: Sleep Mode(S3)	- WOL Er	nabled; P <sub>idle</sub> : Idle State -	- WOL Enabl	ed	
Display resolution* : 168	0*1050 Megapixels								
Print Speed * :	Images per minu	te							
Default time to enter ener	gy save mode: 15 s	econds							
P9.2* Information a	out the energy sav	e function is	provided wi	th the product.			×		
	et meets the energy STAR® version: <b>Ver</b>					s:			
P10 Emissions	On y .								
Noise emiss	on – Declared acco		9296						
P10.1 Mode	Mode description	on		Declared Declared A-weighted  A-weighted Sound pressure level I - (4)					
				sound power		sound pressure leve			
				level $L_{W\!Ad}$ (	(В) Оре	erator position 🗵	Bystander p	ositions	; 
						Desktop Or Desk side (	only if produ		
Idle	* HDD:Idle			*		l .	operator a	itteriueu)	
Operation	* HDD: Opera	ting		*					
Other mode									
Measured acc	cording to: ISO77		1A-74						
P10.2 The product r	Othe		•	•		m measurement dista	nce	m)	
i 10.2 The product f	10.2 The product meets the acoustic noise requirements of the following voluntary program/s:								

Wodernu	IIIDEI	L12252	?pwA	M1:25	572								
Issue date	e *	2013.11.25							Logo		leno	10.	
Product	environn	nental attrib	utes - Ma	arket requir	ireme	ents (continu	ed)				Require	ment	met
Item						(001111111	- · · · · · · · · · · · · · · · · · · ·				Yes	No	n.a.
	Chemica	al emissions	from print	ing products	ts								
P10.3*						28360) standar	d , other spe	ecify:					$\boxtimes$
P10.4		emission rate (											
			Ozone	Styrene	ne	Benzene	TVOC						
P10.5		al emission red Dust	quirements Ozone	of the following		oluntary progra	n/s are Benzene	met for :	TVOC				
		nagnetic emi											
P10.6	Compute program		ts the requ	irement for lo	low free	equency electro	magnetic fields	s of the follo	owing volur	ntary			
P11		nable materia											
P11.1*						oner preparatio							$\boxtimes$
P11.2*	EN1228	1.		-		can be used, p		t meets the	e requirem	ients o	f		
P11.3*	2-sided (	(duplex) printir	ng/copying	is an integrat	ated pro	oduct function.							$\boxtimes$
P12	Ergonor	mics for com	puting pro	ducts									
P12.1*	The disp	lay meets the	ergonomic	requirement	its of IS	SO 9241-307 f	or visual displa	y technolog	gies.		$\boxtimes$		
P12.2*	The phys	sical input dev	ice meets	the requireme	nents o	of ISO 9995 an	d ISO 9241-41	0.					$\boxtimes$
P13	Packagi	ng and docu	mentation										
P13.1*	Product Product Product	packaging ma packaging ma packaging ma packaging ma	terial type( terial type( terial type(	s): <b>PE Bag</b> (s): <b>Paper</b> (s): <b>Carton</b>	V	weight (kg): 0.0 weight (kg): 0.0 weight (kg): 0.0 weight (kg): 1.0	)26 )08						
P13.2*		plastic packaç									$\boxtimes$		
P13.3*		media for user ic 🔀, Paper		ct documenta	tation (	(tick box):							
P13.4*	For pape fiber: 7		oduct docu	mentation, ple	leases	specify contain	ed percentage	of post-co	nsumer red	cycled			
P14		nal informatio											
	informati knowled	ion contained ge available a l here is appro	in this docu t the time o	ument. All info of completion,	formati	tees, assurance tion provided by supplier shall h mational purpo	y supplier in thi nave no obligat	is documention to upda	t is provide te such inf	ed base ormatic	ed on sup on. The in	plier's forma	;
P9	See Ene	ergy Star Qua ww.energysta	lified Note ar.gov/inde	ebooks & Tale ex.cfm?fusea	ablet C eaction	Computers for n=find_a_prod	the latest info luct.showPro	ormation: ductGroup	&pgw_co	de=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