

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 / 5J3 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 *	Tablet PC			
Commercial name *	IdeaTab A3000-H			
Model number *	60030,Z0A3			
Issue date *	2013-5-1			
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other			
Additional information	Additional information			

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		
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).	l 🛛	

Model number *	IdeaTab A3000-H		
Issue date *	2013-5-1	Logo	lenovo.

Product	oduct environmental attributes - Legal requirements			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).	\boxtimes		
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)			
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/ThinkGreen_products.html#environment			
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)			
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).	\boxtimes		
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\square		
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).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).			
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.	I 🔀		
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.	l 🔀		

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

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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			
P7.2*	Plastic materials in covers/housing have no surface coating.	\boxtimes			
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	\boxtimes			
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	$\overline{\boxtimes}$	$\overline{\Box}$		
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	$\overline{\boxtimes}$	$\overline{\sqcap}$		
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		$\overline{\sqcap}$	Ī	
	Product lifetime				
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		П		
P7.8*	Upgrading can be done using commonly available tools		Ħ	Ħ	
P7.9.	Spare parts are available after end of production for: 5 years				
P7.10	Service is available after end of production for: 5 years	-		-	
	Material and substance requirements				
P7.11*	Product cover/housing material type:				
	Material type: <i>PC</i> Material type: <i>PC+ABS</i> Material type: <i>PC+GF</i>				
P7.12	Electrical cable insulation materials of power cables are PVC free.		X		
P7.13	Electrical cable insulation materials of signal cables are PVC free	$\overline{}$		$\overline{}$	
P7.14	-				
P7.15	All cover/housing plastic parts >25g are free from chlorine and bromine. All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)				
17.10				ш	
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:	\square	П		
	Marking:				
P7.17	Alt. 1				
	Chemical specifications of flame retardants in printed circuit boards >25g (without components):	\boxtimes	Ш		
	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: Brominated Epoxy Resin See P14				
P7.18	Alt. 1				
	Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in		\boxtimes		
	concentrations above 0.1%:				
	Comment: No legal limits exist, this is a market requirement. Provide a list of all used flame retardants including MSDS for each flame retardant. The list must contain				
	complete chemical name, CAS number and supplier.				
	1. Chemical name: , CAS #: , Supplier:				
	2. Chemical name: , CAS #: , Supplier:				
	3. Chemical name: , CAS #: , Supplier:				
	Alt. 2		\boxtimes		
	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,		П		
	R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)		ш		
P7.20	Of total plastic parts' weight >25g, recycled material content is 0%.				
P7.21	Of total plastic parts' weight >25g, biobased material content is %.				
P7.22	Light sources are free from mercury	\boxtimes			
P8	Batteries				
P8.1*	Battery chemical composition: <i>Lithium Ion</i>				
P8 2	Batteries meet the requirements of the following voluntary program/s: US PRPC	-		$\overline{}$	

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 *	Idea	IdeaTab A3000-H						
Issue date *	2013-5-	<u> </u>				lenovo		
Product enviro	Product environmental attributes - Market requirements (continued) Requirement met						t met	
Item							Yes No	n.a.
	gy consump							
		e following power lev ipped w/ WOL Enable		mptions are reporte	ed: See P14			
Energy mode *		Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Sta and test method		energy modes	
Peak (On-max)		N/AW	N/A W	N/A W	N/A			
Category B		•						•
Idle State - WOL	. Enabled	N/AW	N/AW	N/A W	Use for Energy	Star V5 regi	stration(P _{idle})	\boxtimes
Sleep (S3) - WO	L Enabled	N/A W	N/A W	N/AW	Use for Energy	Star V5 regi	stration(P _{sleep})	
Sleep (S3) - WO	L Disabled	N/A W	N/A W	N/A W	Reference			\boxtimes
Off (S5) - WOL E	nabled	N/A W	N/A W	N/A W	Use for Energy	Star V5 regi	stration(P _{off})	
Off (S5) - WOL I	Disabled	N/AW	N/A W	N/A W	Use for EuP			\boxtimes
EPS No-load (External power s charger plugged outlet but disconr the product.)	in the wall	N/A W	0.069 W	0.09 W				
TEC Typical Energy C	onsumption	kWh/week	kWh/week	kWh/week				
ETEC * Annual Energy C			$E_{TEC} = (8760/1000)$ 0.1 + $P_{idle} \times 0.3$		0.6 + P _{sleep} x			
		P _{off} : Off Mode(S5) - 1	WOL Enabled; P _{sleep} : S	Sleep Mode(S3) - WO	L Enabled; P _{idle} : Idle	State - WOL I	Enabled	
Display resolution	n : 1024*6 0	00 Megapixels						
Print Speed	:	Images per minu	ite					
Default time to er	nter energy s	ave mode: 0.5 minut	es					\Box
P9.2* Inform	nation about	the energy save fund	ction is provided with	the product.				
ENE	oroduct meet RGY STAR® rs specify:	s the energy requirer version: Prod	nents of the following duct category:	g voluntary program	n/s:			
	sions							
		 Declared according 	to ISO 9296				<u>.</u>	1
P10.1 Mode	9	Mode description		Declared A-weighted sound power	Declai sound press	-	Am (dB)	
				level $L_{W\!Ad}$ (B)	Operator position Desktop or Desk side	(only if	inder positions product is not rator attended)	
Idle		*		*			,	
Oper	ation	*		*				
Othe	r mode							1

Other (only if not covered by ECMA-74 with L_{pAm} measurement distance The product meets the acoustic noise requirements of the following voluntary program/s:

Measured according to: ISO7779 ECMA-74

P10.2

m)

Model n	umber *	IdeaTab A3000-H			_	_
Issue da	ite *	2013-5-1 Log	0	eno	VO.	
Produc	t environr	nental attributes - Market requirements (continued)	F	Require	ment	met
Item		• • • • • • • • • • • • • • • • • • • •		Yes	No	n.a.
	Chemic	al emissions from printing products				
P10.3*		formed according to ECMA-328 (ISO/IEC 28360) standard , other specify:				\boxtimes
P10.4	• •	emission rate (print phase) is (mg/h):				
D40.5		Dust Ozone Styrene Benzene TVOC				
P10.5		al emission requirements of the following voluntary program/s are met for : Oust Ozone Styrene Benzene TVO	с		Ш	
		nagnetic emissions				
P10.6	Compute program	er display meets the requirement for low frequency electromagnetic fields of the followin /s:	g voluntary			
P11	Consun	nable materials for printing products				
P11.1*	A Safety	Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required	(see P4.3).			\boxtimes
P11.2*	Paper c EN1228	ontaining post-consumer recycled fibers can be used, provided that it meets the re- 1.	quirements of			
P11.3*	2-sided	(duplex) printing/copying is an integrated product function.				\boxtimes
P12	Ergono	mics for computing products				
P12.1*	The disp	lay meets the ergonomic requirements of ISO 9241-307 for visual display technologies.		\boxtimes		
P12.2*	The phy	sical input device meets the requirements of ISO 9995 and ISO 9241-410.				
P13	Packagi	ng and documentation				
P13.1*	Product Product	packaging material type(s): paper weight (kg): 0.618kg packaging material type(s): plastic weight (kg): 0.006kg packaging material type(s): weight (kg):				
P13.2*	Product	plastic packaging is free from PVC.		\boxtimes		
P13.3*		media for user and product documentation (tick box): ic ⊠, Paper ⊠, Other □				
P13.4*		er user and product documentation, please specify contained percentage of post-consur % (Japan only 70%)	ner recycled			
P14		nal information (See Note B4)				
	informat knowled	Supplier makes no representations, guarantees, assurances or warranties whether expion contained in this document. All information provided by supplier in this document is ge available at the time of completion, and supplier shall have no obligation to update so here is approximate and provided for informational purposes only. See a Lenovo Account.	provided base uch information	d on sup n. The in	plier's forma	
P7.17		t does not contain free TBBPA in printed circuit boards(without components)>25g				
P9		ergy Star Qualified (insert appropriate Product type; i.e. Desktop, Notebook, etc.) i ownloads.energystar.gov/bi/qplist/laptops_prod_list.xls (insert appropriate web u		informat	ion:	

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