

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	t.html
Additional information		

	pany declares (based on product specification or test results based obtained from sample testing), that the product s to the statements given in this declaration.					
Type of product *	Notebook PC					
Commercial name *	Lenovo Ideapad Z500 Touch;Lenovo Erazer Z500 Touch;Lenovo Ideapad P500 Touch					
Model number *	20221;6883,20227,20253					
Issue date *	13-3-8					
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 Control			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 control such as organized by IT-Företagen (see www.itecodeclaration.org).	I 🔀	

Model number * Lenovo Ideapad Z500 Touch;Lenovo Erazer Z500 Touch;Lenovo Ideapad P500 Touch Logo Issue date * 2013-3-8

Item P1 P1.1*	Hazardous substances and preparations Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent	Yes	No	n.a
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	\bowtie	Ш	
	legal reference and Note B1)			
P1.2*	Products do not contain Asbestos (see legal reference).	\square		
	Comment: Legal reference has no maximum concentration value.			
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\square		
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-			
	trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum			
74.4*	concentration values.			
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated	\square		
P1.5*	terphenyl (PCT) in preparations (see legal reference). Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in			
21.5		\bowtie		
P1.6*	the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference). Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS),		_	
F1.0	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			\boxtimes
	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			\boxtimes
	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	\square		
	microgram/cm ² /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):	\boxtimes		
	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	\square		
	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			
P2.2*	provided in user manual. (See legal reference)			_
-2.2	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			
FZ.3	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).			
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal		<u> </u>	
	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).			
°3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\boxtimes		
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			X
	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.	y 🖂		
	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).			
P5.2*		1251		
P5.2* P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea			

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

Model n	^{Aodel number *} Lenovo Ideapad Z500 Touch;Lenovo Erazer Z500				
		Touch;Lenovo Ideapad P500 Touch			
Issue da	ate *	2013-3-8 Logo	lend	ovo	
Produc	t environ	mental attributes - Market requirements - Environmental conscious design	Require	ment	met
Item	*=manda	atory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P6		ent information		-	
P6.1*	Informat	ion for recyclers/treatment facilities is available (see legal reference).	\boxtimes		
P7	Design	mbly, recycling		<u> </u>	
P7.1*		at have to be treated separately are easily separable			
P7.2*		naterials in covers/housing have no surface coating.		H	⊢⊢
P7.3*		arts >100g consist of one material or of easily separable materials.		H	⊢⊢
P7.4*	-	arts >25g have material codes according to ISO 11469 referring ISO 1043.		⊢⊢	⊢⊢
P7.5		parts are free from metal inlays or have inlays that can be removed with commonly available tools.		⊢⊢	╶╞┽
P7.6*	-	re easily separable. (This requirement does not apply to safety/regulatory labels).			╶╞╡
17.0		tifetime			
P7.7*		ng can be done e.g. with processor, memory, cards or drives			
P7.8*		ng can be done using commonly available tools		╶岩	╞
P7.9.					┝
		arts are available after end of production for: 5 years			⊢⊢
P7.10		is available after end of production for: 5 years			
P7.11*	Product	and substance requirements cover/housing material type: type: PC+ABS-FR(40) Material type: Material type:			
P7.12		al cable insulation materials of power cables are PVC free.		\square	
P7.13		I cable insulation materials of signal cables are PVC free			H
P7.14		/housing plastic parts >25g are free from chlorine and bromine.			⊢⊢
P7.15		ed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (Se			
P7.16		, etarded plastic parts >25g in covers / housings are marked according ISO 1043-4:	\boxtimes		
P7.17	Alt. 1				
		al specifications of flame retardants in printed circuit boards >25g (without components): (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:			
	ISO 104	al specifications of flame retardants in printed circuit boards (without components) >25g according 3-4: Brominated Epoxy Resin See P14			
P7.18		retarded plastic parts >25g contain the following flame retardant substances/preparations in rations above 0.1%:	ח 🗌		
	Provide complete 1. Chem	 nt: No legal limits exist, this is a market requirement. a list of all used flame retardants including MSDS for each flame retardant. The list must contain e chemical name, CAS number and supplier. ical name: , CAS #: , Supplier: ical name: , CAS #: , Supplier: 	ו		
	Alt. 2	ical name: , CAS #: , Supplier:	\square		
	FR(40)	al specifications of flame retardants in plastic parts >25g according ISO 1043-4:			
P7.19	R40, R4	parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, 6, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)			
P7.20	,	plastic parts' weight >25g, recycled material content is 6.1% .			
P7.21		plastic parts' weight >25g, biobased material content is 0%.			
P7.22	<u> </u>	urces are free from mercury			
P8	Batterie				
P8.1* P8.2		chemical composition: Lithium Ion/Lithium Manganese Dioxide s meet the requirements of the following voluntary program/s: US RBRC			<u> </u>
1 20.2	Datteries	S meetine requirements of the following volutilaty program/s: US KBKC			- I I

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.

Lenovo Ideapad Z500 Touch;Lenovo Erazer Z500 Touch;Lenovo Model number * Ideapad P500 Touch ls Logo lenovo

sue	date	*	••

Product environmental attributes - Market requirements (continued) Requirement met						
Item		•	•	Yes No	n.a.	
P9 Energy consump	otion					
	e following power lev pped 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 / Standard for energy modes and test method *		
Peak (On-max)	90 W	90 W	90 W	Full load		
Category B	Category B					
Idle State - WOL Enabled	7.824W	7.849W	8.237 W	Use for Energy Star V5 registration(P _{idle})		
Sleep (S3) - WOL Enabled	1.027 W	1.026 W	1.132W	Use for Energy Star V5 registration(P _{sleep})		
Sleep (S3) - WOL Disabled	0.979 W	0.988 W	1.106 W	Reference		
Off (S5) - WOL Enabled	0.373 W	0.382 W	0.474 W	Use for Energy Star V5 registration(Poff)		
Off (S5) - WOL Disabled	0.302W	0.309 W	0.393 W	Use for EuP		
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	0.083 W	<i>0.089</i> W	0.179 W			
TEC Typical Energy Consumption	kWh/week	kWh/week	kWh/week			
ETEC * Annual Energy Consumption	23.380 kWh/year	23.471 kWh/year	25.040 kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times 0.6 + P_{sleep} \times 0.1 + P_{idle} \times 0.3)$		
	P _{off} : Off Mode(S5) - V	<i>NOL Enabled;</i> P _{sleep} : S	Sleep Mode(S3) - WOI	L Enabled; P _{idle} : Idle State - WOL Enabled		
Display resolution : 1280*80	00 Megapixels					
Print Speed :	Images per minu	te				
Default time to enter energy s	ave mode: 25 minute	S				
P9.2* Information about	the energy save fund	tion is provided with	the product.			
ENERGY STAR®	s the energy requiren version: Version 5.0 nergy Star for Extern) dated July 1, 2009	Product category:	: A 🛛 🗌		
P10 Emissions						
	 Declared according 	to ISO 9296				
P10.1 Mode	Mode description		Declared A-weighted	Declared A-weighted		
			sound power	sound pressure level L_{pAm} (dB)		
			level L_{WAd} (B)	Operator position Bystander positions		
				Desktop or Desk side or Desk side operator attended)		
	* HDD: Idle		* 2.8	20.6		
Operation	* HDD: Operating		* 2.8	22.1		
Other mode						
Measured accord	ing to: 🔀 ISO7779 [Other	_ ECMA-74 (only if not cover	ed by ECMA-74 wit	h L _{pAm} measurement distance m)		
P10.2 The product meet	s the acoustic noise				\boxtimes	

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Issue date *	2013-3-8	Logo	lenovo

P9 Energy consumption 9.1 For the product the following power levels or energy consumptions are reported: See P14 The product is shipped wi WOL Enabled. Image product is shipped wi WOL Enabled. Energy mode * Power level at Power level at 100 VAC Power level at 15 VAC and test method * Peak (0n-max) 65W 65W 65 W and test method * Category A Idle State - WOL Enabled 7.620W 7.573W 7.976 W Use for Energy Star V5 registration(P _{stor}) Steep (53) - WOL Disabled 0.996 W 1.001 W 1.129W Use for Energy Star V5 registration(P _{stor}) GP(55) - WOL Disabled 0.556 W 0.657 W Use for Energy Star V5 registration(P _{stor}) Image product is shipped with weak GP(55) - WOL Disabled 0.438W 0.355 W 0.440 W Use for EurP Image product is shipped with weak GP(55) - WOL Disabled 0.438W 0.446 W Use for EurP Image product is shipped with weak GP(55) - WOL Disabled 0.438W 0.440 W Use for EurP Image product is shipped with weak GP(55) - WOL Disabled 0.335 W 0.440 W Use for EurP Image product is shipped with weak GP(55) - WOL Disabled 0.348W </th <th colspan="6">Product environmental attributes - Market requirements (continued) Requirement met</th>	Product environmental attributes - Market requirements (continued) Requirement met						
9.1 For the product the following power levels or energy consumptions are reported: See P14 The product is shipped w/WOL Enabled. Power level at Power level at Power level at and test method. Reference / Standard for energy modes Beak (0n-max) 65W 65W 65W 65W Full load Category A Ints VAC 7.978W Use for Energy Star V5 registration(P _{now}) Images power level at 1.001 W 1.129W Use for Energy Star V5 registration(P _{now}) Images power level at 1.001 W 1.129W Use for Energy Star V5 registration(P _{now}) Images power level at 1.001 W 1.129W Use for Energy Star V5 registration(P _{now}) Images power level at 1.001 W 1.129W Use for Energy Star V5 registration(P _{now}) Images power level at 1.001 W 1.129W Use for Energy Star V5 registration(P _{now}) Images power level at 1.001 W	Item Yes No n.a.						
The product is shipped w/W0L Enabled. Image: Constraint of the power level at a power level at power level at a power level at a power level at power level at a p							
100 V AC 115 V AC 230 V AC and test method * Peak (On-max) 65W 65 W 65 W Full load Image: Constraint of the constend of the constraint of the constend of the constraint of the c				mptions are reporte	ed: See P14		
Category A Idle State - WOL Enabled 7.620W 7.573W 7.978 W Use for Energy Star V5 registration(P _{star}) Sleep (S3) - WOL Enabled 0.921 W 0.928 W 1.001 W 1.123W Use for Energy Star V5 registration(P _{star}) Sleep (S3) - WOL Disabled 0.550 W 0.566 W 0.661 W Use for Energy Star V5 registration(P _{star}) Off (S5) - WOL Disabled 0.550 W 0.566 W 0.661 W Use for Energy Star V5 registration(P _{star}) Off (S5) - WOL Disabled 0.530 W 0.556 W 0.661 W Use for Energy Star V5 registration(P _{star}) Off (S5) - WOL Disabled 0.550 W 0.566 W 0.661 W Use for Energy Star V5 registration(P _{star}) Off (S5) - WOL Disabled 0.348 W 0.355 W 0.440 W Use for Energy Star V5 registration(P _{star}) Charger plugged in the wall 0.139 W 0.146 W 0.220 W Use for Energy Star V5 registration(P _{star}) TEC Nonual Energy Consumption kWh/week kWh/week kWh/week W Price I Energy Consumption Annual Energy Consumption kWh/week kWh/week W Images per minute Images per minute Images per minute Images per minute Images per mi	Energy mode *						
Idle State - WOL Enabled 7.620W 7.573W 7.978 W Use for Energy Star V5 registration(P _{ext}) Steep (S3) - WOL Enabled 0.998 W 1.001 W 1.129W Use for Energy Star V5 registration(P _{ext}) Steep (S3) - WOL Disabled 0.921 W 0.928 W 1.047 W Reference Image: Comparison of the comparis	Peak (On-max)	Peak (On-max) 65W 65W Full load		Full load]		
Sitep (\$3) - WOL Enabled 0.996 W 1.001 W 1.129W Use for Energy Star V5 registration(P _{sump}) Sitep (\$3) - WOL Disabled 0.921 W 0.928 W 1.047 W Reference Image: Comparison of the star of the	Category A						
Steep (S3) - WOL Disabled 0.921 W 0.928 W 1.047 W Reference Off (S5) - WOL Enabled 0.550 W 0.556 W 0.661 W Use for Energy Star V5 registration(P _{col}) Off (S5) - WOL Disabled 0.348W 0.355 W 0.440 W Use for Energy Star V5 registration(P _{col}) EPS No-load 0.139 W 0.146 W 0.220 W Image: Comparison of the product) Cktemal power supply / charge plugged in the wall outlet but disconnected from the product.) EC XWh/week kWh/week XWh/week X	Idle State - WOL Enabled	7.620 W	7.573 ₩	7.978 W	Use for Energy Star V5 registration(P _{idle})		
Off (S1) - WOL Enabled 0.550 W 0.556 W 0.661 W Use for Energy Star V5 registration(P _{ool}) Off (S3) - WOL Disabled 0.346W 0.355 W 0.440 W Use for EuP □ EPS No-load 0.139 W 0.146 W 0.220 W □ □ Charger plugged in the wall outlet but disconnected from the product.) NWh/week kWh/week kWh/week Images per second secon	Sleep (S3) - WOL Enabled	0.996 W	1.001 W	1.129W	Use for Energy Star V5 registration(P _{sleep})		
Off (S5) - WOL Disabled 0.348W 0.355 W 0.440 W Use for EuP EPS No-load 0.139 W 0.146 W 0.220 W □ Charger plugged in the wall outlet but disconnected from the product.) 0.146 W 0.220 W □ TEC Typical Energy Consumption kWh/week kWh/week kWh/week XWh/week XWh/week ETEC * Annual Energy Consumption 23.435 kWh/year 25.782 kWh/year ErEC = (8760/1000) × (P _{off} × 0.6 + P _{sheep} × □) Par: Off Mode(S5) - WOL Enabled; P _{sheep} : Sleep Mode(S3) - WOL Enabled; P _{sheep} : Sleep Mode(S3) - WOL Enabled; P _{sheep} × Ide State - WOL Enabled Display resolution : 1280*800 Megapixels Print Speed Images per minute Default time to enter energy save mode: 25 minutes P9.2* Information about the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 5.0 dated July 1, 2009 Product category: A Other specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 P10 Mode Mode description Declared A-weighted sound pressure level L _{pAhm} (dB) Operation 'HDD: Idle * 2.8 <td>Sleep (S3) - WOL Disabled</td> <td>0.921 W</td> <td>0.928 W</td> <td>1.047 W</td> <td>Reference []</td> <td>]</td>	Sleep (S3) - WOL Disabled	0.921 W	0.928 W	1.047 W	Reference []]	
EPS No-load 0.139 W 0.146 W 0.220 W □ Charger plugged in the wall outlet but disconnected from the product.) 0.146 W 0.220 W □ TEC Typical Energy Consumption kWh/week kWh/week kWh/week kWh/week X ETEC * Annual Energy Consumption 23.435 kWh/year 25.782 kWh/year Erec = (8760/1000) x (Port x 0.6 + P_steep x 1) □ Display resolution : 1280*800 Megapixels □ 0.1 + P_trink x 0.3) □ Print Speed : Images per minute □ □ Default time to enter energy save mode: 25 minutes □ □ P9.2* Information about the energy save function is provided with the product. □ □ P9.3* The product meets the energy save function is provided with the product category: A Others specify: Energy Star for External Power Supples Eligibility Criteria Version 2 □ □ P10 Emissions □ □ □ □ □ Noise emission - Declared according to ISO 9296 □ □ □ □ □ P10.1 Mode Mode description □ □ □ □ □ □ □ □ <td>Off (S5) - WOL Enabled</td> <td>0.550 W</td> <td>0.556 W</td> <td>0.661 W</td> <td>Use for Energy Star V5 registration(Poff)</td> <td></td>	Off (S5) - WOL Enabled	0.550 W	0.556 W	0.661 W	Use for Energy Star V5 registration(Poff)		
(External power supply / charger plugged in the wall outle but disconnected from the product.) kWh/week kWh/week kWh/week kWh/week TEC xWh/week kWh/week kWh/week kWh/week kWh/week x TEC xMunual Energy Consumption z3.435 kWh/year z3.943 kWh/year z5.782 kWh/year <i>E</i> _{TEC} = (8760/1000) x (<i>P</i> _{off} x 0.6 + <i>P</i> _{sleep} x) x Annual Energy Consumption z3.435 kWh/year 23.943 kWh/year z5.782 kWh/year <i>O</i> (1 + <i>P</i> _{offe} x 0.3) x x Display resolution : 1280 '800 Megapixels z	Off (S5) - WOL Disabled	0.348W	0.355 W	0.440 W	Use for EuP		
charger plugged in the wall outlet but disconnected from the product.) TEC Typical Energy Consumption TEC Typical Energy Consumption TEC Typical Energy Consumption Terc * Annual Energy Consumption Terc * Annual Energy Consumption Terc * Consumption Terc * Consumption Terc * Consumption Terc * Consumption Consumpti	EPS No-load	0.139 W	0.146 W	0.220 W		ר	
Typical Energy Consumption 23.435 kWh/year 23.943 kWh/year 25.782 kWh/year ETEC = (8760/1000) x (P _{off} x 0.6 + P _{sideep} x 0.1 + P _{Idie} x 0.3) Part: Off Mode(S5) - WOL Enabled; P _{sidep} : Sleep Mode(S3) - WOL Enabled; P _{side} : Idle State - WOL Enabled Display resolution : 1280*800 Megapixels Images per minute Display resolution : 1280*800 Megapixels Images per minute Images per minute Images per minute Default time to enter energy save mode: 25 minutes Images per minute Images per minute Images per minute P9.2* Information about the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 5.0 dated July 1, 2009 Product cergory: A Others specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 Images per minute P10 Emission Declared according to ISO 9296 Bystander positions (only if product is not operator positions) (only if product is not operator methode) (only if product is not operator methode) (only if product is not operator methode) Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute Images per minute </td <td>charger plugged in the wall</td> <td></td> <td></td> <td></td> <td></td> <td></td>	charger plugged in the wall						
Annual Energy Consumption 0.1 + P _{idle} x 0.3) 0.1 + P _{idle} x 0.3) Part: Off Mode(S5) - WOL Enabled; P _{skep} : Sleep Mode(S3) - WOL Enabled; P _{idle} : Idle State - WOL Enabled Display resolution : 1280*800 Megapixels Images per minute Default time to enter energy save mode: 25 minutes Images per minute Default time to enter energy save mode: 25 minutes Images per minute P9.2* Information about the energy save function is provided with the product. Images per minute P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 5.0 dated July 1, 2009 Product category: A Others specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 Images per minute P10 Emissions Images per mission - Declared according to ISO 9296 Images per per level L _{pAm} (dB) P10.1 Mode Mode description Declared A-weighted sound power Images per position Idle * HDD: Idle * 2.8 20.6 Images per attended Idle * HDD: Idle * 2.8 22.1 Images per on the per one of the power of the per one of	TEC Typical Energy Consumption		kWh/week	kWh/week		3	
Display resolution : 1280*800 Megapixels Images per minute Print Speed : Images per minute Images per minute Default time to enter energy save mode: 25 minutes Images per minute P9.2* Information about the energy save function is provided with the product. Images per minute P9.2* Information about the energy save function is provided with the product. Images per minute P9.2* Information about the energy save function is provided with the product. Images per minute P9.2* Information about the energy save function is provided with the product. Images per minute P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 5.0 dated July 1, 2009 Product category: A Images per minute Others specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 Images per minute Images per minute P10 Emissions Images per minute Images per minute Images per minute Images per minute P10 Emission – Declared according to ISO 9296 Declared A-weighted sound pressure level L _{pAm} (dB) Images per minute Images per minute P10.1 Mode Mode description Declared A-weighted sound pressure level L _{pAm} (dB) Images per minute Images per minute <td>Етес * Annual Energy Consumption</td> <td></td> <td>23.943 kWh/year</td> <td>25.782 kWh/year</td> <td></td> <td>]</td>	Етес * Annual Energy Consumption		23.943 kWh/year	25.782 kWh/year]	
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P9.2* Information about the energy save function is provided with the product. □ P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 5.0 dated July 1, 2009 Product category: A Others specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 □ P10 Emissions □ □ P10.1 Mode Mode description Declared A-weighted sound power □ P10.1 Mode Mode description Declared A-weighted sound power □ Ievel L _{WAd} (B) Operator position Bystander positions or Desk side □ Idle * HDD: Idle * 2.8 20.6 □ Other mode Iso7779 ECMA-74 □ Other measurement distance m)	Print Speed :	Images per minu	ite			3	
P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 5.0 dated July 1, 2009 Product category: A Others specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 □ P10 Emissions Noise emission – Declared according to ISO 9296 P10.1 Mode Mode Mode description Declared A-weighted sound power Declared A-weighted sound pressure level L _{pAm} (dB) Operator position Bystander positions Operator position Idle * HDD: Idle * 2.8 Operation * HDD: Operating Other mode Iso7779 Measured according to: Iso7779 ECMA-74 Other Other (only if not covered by ECMA-74 with Lpam measurement distance m)	Default time to enter energy	save mode: 25 minute	es				
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Others specify: Energy Star for External Power Supplies Eligibility Criteria Version 2 P10 Emissions Noise emission – Declared according to ISO 9296 P10.1 Mode Mode description Declared A-weighted sound power level L_{pAm} (dB) P10.1 Mode Mode description Declared A-weighted sound power level L_{pAm} (dB) Bystander positions Idle * HDD: Idle * 2.8 20.6 Idle * HDD: Operating * 2.8 22.1 Other mode Measured according to: ISO7779 ECMA-74 ECMA-74 with LpAm measurement distance m						_	
P10 Emissions Noise emission - Declared according to ISO 9296 P10.1 Mode Mode description Declared A-weighted sound pressure level L_{pAm} (dB) P10.1 Mode Mode description Declared A-weighted sound pressure level L_{pAm} (dB) Idle * HDD: Idle * 2.8 20.6 Operation * HDD: Operating * 2.8 22.1 Other mode Other (only if not covered by ECMA-74 with LpAm measurement distance m) measurement distance m)						╡	
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sound power sound pressure rover L _{pAM} (ub) level L _{WAd} (B) Operator position Operator positions Desktop Operator (only if product is not operator attended) Idle * HDD: Idle * 2.8 Operation * HDD: Operating * 2.8 Other mode Image: Sound pressure rover L _{pAM} (ub) Image: Sound pressure rover L _{pAM} (ub) Measured according to: ISO7779 ECMA-74 Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m)	P10.1 Mode	Mode description			÷		
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Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m)	Other mode					_	
	Measured accord			ed by FCMA-74 wit	th L num measurement distance m)		
	P10.2 The product mee					3	

	Lenovo Ideapad Z500 Touch;Lenovo Erazer Ideapad P500 Touch	~ Z5 00	Touch;Lenovo
Issue date *	2013-3-8	Logo	lenovo

Product	environmental attributes - Market requirements (continued)	equire	ment	met		
Item	· · · · ·	Yes		n.a.		
	Chemical emissions from printing products					
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard 🔲, other specify:			\mathbb{X}		
P10.4	Typical emission rate (print phase) is (mg/h):			\boxtimes		
	Dust Ozone Styrene Benzene TVOC			_		
P10.5	Chemical emission requirements of the following voluntary program/s are met for :			\mathbb{X}		
	Dust Ozone Styrene Benzene TVOC					
	Electromagnetic emissions					
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s: <i>MPR-II</i>	\boxtimes				
P11	Consumable 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).			\mathbb{X}		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.			\square		
P11.3*	2-sided (duplex) printing/copying is an integrated product function.			\boxtimes		
P12	Ergonomics for computing products					
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	\boxtimes				
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	\square				
P13	Packaging and documentation					
P13.1*	Product packaging material type(s): Corrugated Carton weight (kg): 0.378					
	Product packaging material type(s): Polyethylene Cushions weight (kg): 0.058					
P13.2*	Product packaging material type(s): <i>Others</i> weight (kg): <i>0.230</i> Product plastic packaging is free from PVC.					
		\boxtimes				
P13.3*	Specify media for user and product documentation (tick box):			Ш		
P13.4*	Electronic 🔍, Paper 🔍, Other 🗌					
P13.4	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0% (Japan only 70%)					
P14	Additional information (See Note B4)					
	NOTE: Supplier makes no representations, guarantees, assurances or warranties whether express or implied					
	information contained in this document. All information provided by supplier in this document is provided based on supplier's					
	knowledge available at the time of completion, and supplier shall have no obligation to update such information. The information					
	provided here is approximate and provided for informational purposes only. See a Lenovo Account Representative for more information.					
P7.17	Product does not contain free TBBPA in printed circuit boards(without components)>25g.					
P9	See Energy Star Qualified (insert appropriate Product type; i.e. Desktop, Notebook, etc.) for the latest in	nformat	ion:			
-	bet Energy dat spermy star on v/bi/ophrate i room and jiet vis (insert appropriate web url)					

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