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## 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.

<b>Brand *</b>	<b>Think</b>	<b>Logo</b>  
<b>Company name *</b>	<b>Lenovo</b>	
<b>Contact information *</b>	<i>Lenovo Global Environmental Affairs Alvin L Carter 1009 Think Place Building 2 / 5F1 Morrisville, North Carolina 27560 alcarter@lenovo.com</i>	
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<b>Additional information</b>	<i>The latest version of this document can be found at <a href="http://www.lenovo.com/social_responsibility/us/en/datasheets_notebooks.html">http://www.lenovo.com/social_responsibility/us/en/datasheets_notebooks.html</a></i>	

<b>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.</b>	
<b>Type of product *</b>	<b>Desktop</b>
<b>Commercial name *</b>	<b>ThinkCentre M73p</b>
<b>Model number *</b>	<b>10K9, 10KA, 10KB, 10KC</b>
<b>Issue date *</b>	<b>2015-08-31</b>
<b>Intended market *</b>	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
<b>Additional information</b>	<b>ENERGY STAR® 6.1 Qualified; EPEAT Gold Rating, GREENGUARD Certification.</b>

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

<b>Quality Control</b>		<b>Requirement met</b>	
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see <a href="http://www.itecodeclaration.org">www.itecodeclaration.org</a> ).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Model number *	<b>10K9, 10KA, 10KB, 10KC</b>		
Issue date *	2015-08-31	Logo	Lenovo

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1</b>	<b>Hazardous substances and preparations</b>			
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3-dibromopropyl)-phosphate (TRIS), Tris-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="http://www.lenovo.com/social_responsibility/us/en/materials.html">http://www.lenovo.com/social_responsibility/us/en/materials.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2</b>	<b>Batteries</b>			
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3</b>	<b>Safety, EMC connection to the telephone network and labeling</b>			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P4</b>	<b>Consumable materials</b>			
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).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P5</b>	<b>Product packaging</b>			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Model number *	<b>10K9, 10KA, 10KB, 10KC</b>		
Issue date *	2015-08-31	Logo	Lenovo

Product environmental attributes - Market requirements - Environmental conscious design		Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
<b>P6</b>	<b>Treatment information</b>			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P7</b>	<b>Design</b>			
	<b>Disassembly, recycling</b>			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Product lifetime</b>			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.9.	Spare parts are available after end of production for: <b>5</b> years			<input type="checkbox"/>
P7.10	Service is available after end of production for: <b>5</b> years			<input type="checkbox"/>
	<b>Material and substance requirements</b>			
P7.11*	Product cover/housing material type: Material type: <b>ABS</b> Material type: <b>PC</b> Material type: <b>steel</b>			
P7.12	Electrical cable insulation materials of power cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13	Electrical cable insulation materials of signal cables are PVC free	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input checked="" type="checkbox"/> , Other; chemical name:                      , CAS #:  Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: <b>Brominated Epoxy Resin See P14</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%: 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:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.20	Of total plastic parts' weight >25g, recycled material content is <b>32.0</b> %.			
P7.21	Of total plastic parts' weight >25g, biobased material content is <b>0</b> %.			
P7.22	Light sources are free from mercury If mercury is used specify: Number of lamps:                      and max. mercury content per lamp:                      mg	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P8</b>	<b>Batteries</b>			
P8.1*	Battery chemical composition:			<input checked="" type="checkbox"/>
P8.2	Batteries meet the requirements of the following voluntary program/s:			<input checked="" type="checkbox"/>

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 *	<b>10K9, 10KA, 10KB, 10KC</b>		
Issue date *	2015-08-31	Logo	Lenovo

<b>Product environmental attributes - Market requirements (continued)</b>	<b>Requirement met</b>
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Item	Yes	No	n.a.
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<b>P9 Energy consumption</b>
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9.1 For the product the following power levels or energy consumptions are reported: [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 *	<input checked="" type="checkbox"/>
Peak (On-max)	111.23 W	W	W	Full load	<input type="checkbox"/>

<b>Category 0</b>
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Short Idle State - WOL Enabled	W	W	W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Long Idle State - WOL Enabled	W	W	W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Enabled	W	W	W	Use for ENERGY STAR V6 registration ( $P_{sleep}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Disabled	W	W	W	Reference	<input type="checkbox"/>
Off (S5) - WOL Enabled	W	W	W	Use for ENERGY STAR V6 registration ( $P_{off}$ )	<input type="checkbox"/>
Off (S5) - WOL Disabled	W	W	W	Use for EuP	<input type="checkbox"/>

<b>Category I1</b>
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Short Idle State - WOL Enabled	23.9 W	23.9 W	23.8 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Long Idle State - WOL Enabled	22.8 W	22.7 W	22.8 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Enabled	1.1 W	1.0 W	1.2 W	Use for ENERGY STAR V6 registration ( $P_{sleep}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Disabled	1.74 W	1.74 W	1.74 W	Reference	<input type="checkbox"/>
Off (S5) - WOL Enabled	0.8 W	0.8 W	0.8 W	Use for ENERGY STAR V6 registration ( $P_{off}$ )	<input type="checkbox"/>
Off (S5) - WOL Disabled	0.73 W	0.73 W	0.73 W	Use for EuP	<input type="checkbox"/>

<b>Category I2</b>
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Short Idle State - WOL Enabled	26.1 W	25.9 W	26.4 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Long Idle State - WOL Enabled	24.9 W	24.8 W	23.2 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Enabled	0.9 W	0.9 W	1.2 W	Use for ENERGY STAR V6 registration ( $P_{sleep}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Disabled	1.74 W	1.74 W	1.74 W	Reference	<input type="checkbox"/>
Off (S5) - WOL Enabled	0.7 W	0.7 W	0.9 W	Use for ENERGY STAR V6 registration ( $P_{off}$ )	<input type="checkbox"/>
Off (S5) - WOL Disabled	0.73 W	0.73 W	0.73 W	Use for EuP	<input type="checkbox"/>

<b>Category I3</b>
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Short Idle State - WOL Enabled	24.9 W	25.6 W	24.9 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Long Idle State - WOL Enabled	23.4 W	23.6 W	23.0 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Enabled	0.9 W	0.9 W	1.2 W	Use for ENERGY STAR V6 registration ( $P_{sleep}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Disabled	1.09 W	1.09 W	1.09 W	Reference	<input type="checkbox"/>
Off (S5) - WOL Enabled	0.7 W	0.7 W	0.9 W	Use for ENERGY STAR V6 registration ( $P_{off}$ )	<input type="checkbox"/>
Off (S5) - WOL Disabled	0.75 W	0.75 W	0.75 W	Use for EuP	<input type="checkbox"/>

<b>Category D1</b>
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Short Idle State - WOL Enabled	29.3 W	29.2 W	29.5 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Long Idle State - WOL Enabled	28.3 W	28.1 W	28.0 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Enabled	0.9 W	0.9 W	1.2 W	Use for ENERGY STAR V6 registration ( $P_{sleep}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Disabled	1.74 W	1.74 W	1.74 W	Reference	<input type="checkbox"/>
Off (S5) - WOL Enabled	0.7 W	0.7 W	0.9 W	Use for ENERGY STAR V6 registration ( $P_{off}$ )	<input type="checkbox"/>
Off (S5) - WOL Disabled	0.73 W	0.73 W	0.73 W	Use for EuP	<input type="checkbox"/>

<b>Category D2</b>
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Short Idle State - WOL Enabled	29.8 W	30.1 W	30.3 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Long Idle State - WOL Enabled	29.4 W	29.3 W	29.5 W	Use for ENERGY STAR V6 registration ( $P_{idle}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Enabled	0.9 W	0.9 W	1.2 W	Use for ENERGY STAR V6 registration ( $P_{sleep}$ )	<input type="checkbox"/>
Sleep (S3) - WOL Disabled	1.09 W	1.09 W	1.09 W	Reference	<input type="checkbox"/>
Off (S5) - WOL Enabled	0.7 W	0.7 W	0.9 W	Use for ENERGY STAR V6 registration ( $P_{off}$ )	<input type="checkbox"/>
Off (S5) - WOL Disabled	0.75 W	0.75 W	0.75 W	Use for EuP	<input type="checkbox"/>

EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	W	W	W		<input checked="" type="checkbox"/>
PTEC * Typical Energy Consumption	W	W	W		<input checked="" type="checkbox"/>
TEC * Typical Energy Consumption	kWh/week	kWh/week	kWh/week		<input checked="" type="checkbox"/>
ETEC * Annual Energy Consumption	<i>Cat.I1:106.8</i> <i>Cat.I2:115.8</i> <i>Cat.I3:110.2</i> <i>Cat.D1:130.1</i> <i>Cat.D2:133.1</i> kWh/year	<i>Cat.I1:106.7</i> <i>Cat.I2:115.1</i> <i>Cat.I3:112.6</i> <i>Cat.D1:129.6</i> <i>Cat.D2:133.9</i> kWh/year	<i>Cat.I1:106.6</i> <i>Cat.I2:115.5</i> <i>Cat.I3:110.6</i> <i>Cat.D1:131.3</i> <i>Cat.D2:135.7</i> kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times 0.45 + P_{sleep} \times 0.05 + P_{long\_idle} \times 0.15 + P_{short\_idle} \times 0.35)$	<input type="checkbox"/>
<i>P<sub>off</sub>: Off Mode(S5) - WOL Enabled; P<sub>sleep</sub>: Sleep Mode(S3) - WOL Enabled; P<sub>idle</sub>: Idle State - WOL Enabled</i>					
Display resolution* :	Megapixels				<input checked="" type="checkbox"/>
Print Speed* :	Images per minute				<input checked="" type="checkbox"/>
Default time to enter energy save mode:	25 minutes				<input type="checkbox"/>
P9.2*	Information about the energy save function is provided with the product.			<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
P9.3*	The product meets the energy requirements of the following voluntary program/s: ENERGY STAR→ version: <b>Version 6.1</b> Tier: Product category: <b>I1,I2,I3,D1,D2</b> Others specify:			<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
<b>P10 Emissions</b>					
<b>Noise emission</b> – Declared according to ISO 9296					
P10.1	Mode	Mode description	Declared A-weighted sound power level $L_{WA,d}$ (B)	Declared A-weighted sound pressure level $L_{pAm}$ (dB)	
				Operator position <input checked="" type="checkbox"/>	Bystander positions <input type="checkbox"/>
				Desktop <input checked="" type="checkbox"/>	(only if product is not operator attended)
				or Desk side <input type="checkbox"/>	
	Idle	* <b>HDD:Idle</b>	* <b>3.4</b>	<b>23</b>	
Operation	* <b>HDD: Operating</b>	* <b>3.6</b>	<b>25</b>		
Other mode					
Measured according to: <input checked="" type="checkbox"/> ISO7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with $L_{pAm}$ measurement distance m)					
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s:			<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>

Model number *	<b>10K9, 10KA, 10KB, 10KC</b>		
Issue date *	2015-08-31	Logo	Lenovo

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>Chemical emissions from printing products</b>				
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard <input type="checkbox"/> , other specify:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P10.4	Typical emission rate (print phase) is (mg/h): Dust                  Ozone                  Styrene                  Benzene                  TVOC			<input checked="" type="checkbox"/>
P10.5	Chemical emission requirements of the following voluntary program/s are met for : Dust <input type="checkbox"/> Ozone <input type="checkbox"/> Styrene <input type="checkbox"/> Benzene <input type="checkbox"/> TVOC <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Electromagnetic emissions</b>				
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P11 Consumable materials for printing products</b>				
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies. Panal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410. jianshu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <b>carton and paper</b> weight (kg): <b>1.732</b> Product packaging material type(s): <b>EPE</b> weight (kg): <b>0.3</b> Product packaging material type(s): <b>HDPE</b> weight (kg): <b>0.016</b>			
P13.2*	Product plastic packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: <b>0%</b>			<input type="checkbox"/>
<b>P14 Additional information (See Note B4)</b>				
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<b>P9</b>	<b>See Energy Star Qualified Notebooks &amp; Tablet Computers for the latest information:</b> <a href="http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&amp;pgw_code=CO">http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&amp;pgw_code=CO</a>			

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	<i>ThinkCentre M73p</i>	
Model Number	<i>10K9, 10KA, 10KB, 10KC</i>	
Issue Date	<i>2015-08-31</i>	
Additional information		

P7.1.1 Product environmental attributes	
(d)	year of manufacture: <span style="float: right;"><i>Available on product label</i></span>
(e)	<p><b>E TEC value (kWh) per ErP Lot 3 Category and capability adjustments applied when all discrete graphics cards (dGfx) are disabled and if the system is tested with switchable graphics mode with UMA driving the display:</b></p> <p>Category (according to ErP Lot 3): <i>B</i>                      Etec: <i>90.18</i>            Category (according to ErP Lot 3): <i>C</i>                      Etec: <i>91.23</i>            Category (according to ErP Lot 3): <i>D</i>                      Etec: <i>94.40</i></p>
(f)	<p><b>E TEC value (kWh) per ErP Lot 3 Category and capability adjustments applied when all discrete graphics cards (dGfx) are enabled:</b></p> <p>Category (according to ErP Lot 3): <i>B</i>                      Etec: <i>120.76</i>            Category (according to ErP Lot 3): <i>C</i>                      Etec: <i>118.36</i>            Category (according to ErP Lot 3): <i>D</i>                      Etec: <i>117.12</i></p>
(g)	idle state power demand (Watts); <span style="float: right;"><i>33.16</i></span>
(h)	sleep mode power demand (Watts); <span style="float: right;"><i>1.75</i></span>
(i)	sleep mode with WOL enabled power demand (Watts) (where enabled); <span style="float: right;"><i>1.76</i></span>
(j)	off mode power demand (Watts); <span style="float: right;"><i>0.77</i></span>
(k)	off mode with WOL enabled power demand (Watts) (where enabled); <span style="float: right;"><i>0.90</i></span>
(l)	internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power (if applicable): 10%            20% 85.14%    50% 87.76%    100% 85.75%    Average
(m)	external power supply efficiency (if applicable): 10%            20%            50%            100%            Average            ; or level:
(o)	the minimum number of loading cycles that the batteries can withstand (applies only to notebook computers): <span style="float: right;"><i>N/A</i></span>
(p-1)	the measurement methodology used to determine information mentioned in points (l) – internal PSU efficiency: <i>80 PLUS® Program</i>
(p-2)	the measurement methodology used to determine information mentioned in points (m) – external PSU efficiency: <i>N/A</i>
(p-3)	the measurement methodology used to determine information mentioned in points (o) – loadingcycles batteries: <i>N/A</i>



(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:  <b>IEC 62623 / IEC EN50564:2011 measurement methodology</b>																					
(q)	sequence of steps for achieving a stable condition with respect to power demand::  <b>Power on -&gt; Wait 5 minutes -&gt;Stable condition</b>																					
(r)	description of how sleep and/or off mode was selected or programmed:  <b>Begin menu -&gt; Power -&gt; Select sleep or off mode</b>																					
(s)	sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:  <b>Control Panel-&gt;Power Options-&gt; Change Settings-&gt; Restore default settings for this plan</b>																					
(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): <b>30 minutes</b>																					
(u)	the <b>length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode</b> (in minutes): <b>45 minutes</b>																					
(v)	the <b>length of time before the display sleep mode is set to activate</b> after user inactivity (in minutes): <b>15 minutes</b>																					
(w)	information on the energy-saving potential of power management functionality:  <b>N/A</b>																					
(x)	user information on how to enable the power management functionality:  <b>Refer to User Guide</b>																					
(z)	test parameters for measurements: — test voltage in V and frequency in Hz, — total harmonic distortion of the electricity supply system, — information and documentation on the instrumentation, set-up and circuits used for electrical testing: Test voltage in V and frequency in Hz <b>230V/50Hz</b> Total harmonic distortion of the electricity supply system <b>≤2%</b> Information and documentation on the instrumentation, set-up and circuits used for electrical testing <table border="1"> <thead> <tr> <th>Instrument Type</th> <th>Range Used Or ***</th> <th>Make and Model **</th> </tr> </thead> <tbody> <tr> <td>AC Power Source</td> <td>1~280VAC;1~550HZ;1000VA.</td> <td>NF;EC1000S; SN:9152124</td> </tr> <tr> <td>Digital Watch</td> <td>Full range</td> <td>CASIO; HS-70W; SN:208Q08R</td> </tr> <tr> <td>Power Meter</td> <td>0~600V;0~20A</td> <td>YOKOGAWA;WT210;SN:91M944 560</td> </tr> <tr> <td>Hygrothermograph</td> <td>15~35°C/15~90%</td> <td>testo; 608-H1,SN:1034895602</td> </tr> <tr> <td>Thermal anemometer</td> <td>0~20m/s,-20~70°C</td> <td>Testo;425;SN:02591883</td> </tr> <tr> <td>Light Measuring</td> <td>1° ;1-300cd/ m<sup>2</sup></td> <td>Konica Minolta;LS-110;</td> </tr> </tbody> </table>	Instrument Type	Range Used Or ***	Make and Model **	AC Power Source	1~280VAC;1~550HZ;1000VA.	NF;EC1000S; SN:9152124	Digital Watch	Full range	CASIO; HS-70W; SN:208Q08R	Power Meter	0~600V;0~20A	YOKOGAWA;WT210;SN:91M944 560	Hygrothermograph	15~35°C/15~90%	testo; 608-H1,SN:1034895602	Thermal anemometer	0~20m/s,-20~70°C	Testo;425;SN:02591883	Light Measuring	1° ;1-300cd/ m <sup>2</sup>	Konica Minolta;LS-110;
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<b>Addition Notebook Battery Information:</b>																						
Yes (Battery <b>not</b> user replaceable)	No (Battery user replaceable)	n/a	This notebook computer is operated by battery/ies that cannot be accessed and replaced by a non-professional user.  <b>The battery[ies] in this product cannot be easily replaced by users themselves</b>																			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>																				
<b>Additional information</b>																						