



### Annex B2 - Product environmental attributes Servers/Data Storage Products

The declaration may be published only when all rows and/or fields marked with \* are filled-in (N/A for not applicable). Additional information regarding each item may be found under P15.

Brand *	Lenovo ThinkAgile	Logo		
Company name *	Lenovo			
Contact information *	Lenovo DCG Storage Development			
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	Lenovo Taiwan Branch			
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Internet site *	https://www.lenovo.com/us/en/about/sustainability			
Additional information	The latest version of this document can be found at:			
	http://www.lenovo.com/ecodeclaration			

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 *	Data Storage				
Commercial name *	CP-SB-S10/ CP-SB-D20/ CP-SB-D20E				
Model number *	7Y66				
Issue date *	01/15/2020				
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.

### About Annex B2

Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template:

P4.1 – P4.3 Consumable materials

P9.1 TEC and Print speed

P10.2 - P10.3 Chemical emissions from printing products

P11.1 - P11.3 Consumable materials for printing products

Model number *		7Y66	Logo	Lan		
Issue date *		01/15/2020		Lend		<b>)</b> <sub>TM</sub>
Product	environ	mental attributes - Legal requirements		Require	ment	met
Item		·		Yes	No	N/A
P1	Hazardo	ous substances and preparations				
P1.1*	Products	s do comply with current European RoHS Directive. (See legal reference and NOTE	B1)	$\boxtimes$		
P1.2*		s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.				
P1.3*	hydrobro trichloro	do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachethane, methyl bromide (see legal reference). Comment: Legal reference has no mation values.				
P1.4*		s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polych d (PCT) in preparations (see legal reference).	lorinated			
P1.5*	Products chain co	odo not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 cart ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).				
P1.6*	(see lega	th direct and prolonged skin contact do not release nickel in concentrations above 0 al reference). nt: Max limit in legal reference when tested according to EN1811:2011-5.	,5 μg/cm²/week	( <u> </u>		
P1.7*	REACH	Article 33 information about substances in articles is available at (add URL or mail ww.lenovo.com/us/en/sustainability-resources	contact):			
P2	Batterie	S				
P2.1*		duct contains a battery or an accumulator, the battery/accumulator is labeled with t Information on proper disposal is provided in user manual. (See legal reference)	he disposal			$\boxtimes$
P2.2*		or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadm	nium. (See lega	I		$\boxtimes$
P2.3*	Batteries	and accumulators are readily removable. (See legal reference)				X
P2.4*	Docume	ntation includes the number of cycles the (secondary) battery can withstand. (See I	egal reference)			X
P2.5*		ternal batteries of a notebook computer cannot be "accessed and replaced by a no e related text is present and legible on the external packaging (see legal reference)				
P3		nity verification & Eco design (ErP)				
P3.1*		duct is CE-marked to show conformance with applicable legal requirements (see legal requirements) duration of Conformity can be requested at: <a href="https://www.lenovo.com/us/en/compliar">https://www.lenovo.com/us/en/compliar</a>				$\boxtimes$
P3.2*	•	duct complies with the Eco design requirements for energy-related products, al reference).				
	Require	d information is; given in item P15 or added to this document,	and declaration			
P5	Droduct	available at: https://www.lenovo.com/us/en/compliance/e	:co-deciaration			
P5.1*	Packagii	ng and packaging components do not contain more than 0,01% lead, mercury	y, cadmium an	id 🔀		
P5.2*	The pac	ent chromium by weight of these together.  kaging materials are marked with abbreviations and numbers indicating the nature of the second process.	of the material(s	s) 🔀		
P5.3*	used (see legal reference).  The product packaging material is free from ozone depleting substances as specified in the Montreal Protoco (see legal reference).		ol 🔀			
		nt: Legal reference has no maximum concentration values.				
P6	Treatme	nt information				

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Information for recyclers/treatment facilities is available (see legal reference).

P6.1\*

Model number *	7Y66	Logo	Lonovo
Issue date *	01/15/2020		LEI IOVO"

Product	environmental attributes - Market requirements (See General NOTE GN below)			
		Require	ment	met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	N/A
P7	Design, Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable			
P7.2*	Plastic materials in covers/housing have no surface coating.	$\boxtimes$		
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.			
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.			
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	$\boxtimes$		
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	$\boxtimes$		
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives			
P7.8*	Upgrading can be done using commonly available tools			
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 (e.g. plastics, metal, aluminum):			
	Material type: <i>Metal</i> Material type: <i>PC ABS</i> Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.	$\boxtimes$		
P7.13	Insulation materials of internal electrical cables are PVC free.	$\boxtimes$		
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1%			
	weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and			
	polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	j		
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low haloger	n 🔀		
	as defined in IEC 61249-2-21. (See <sup>5</sup> NOTE B2)			
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:			
	Marking:			
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):			
	TBBPA (additive), TBBPA (reactive) (See NOTE B3), Other: chemical name: , CAS #:	Ш		
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g			
	according ISO 1043-4: Only MIDPLANE,440.7MMX81.7MM,6.38MM" includes halogen. All other PCBs	$\boxtimes$		
P7.18	<ul> <li>are halogen free.</li> <li>Alt. 1: Flame retarded plastic parts &gt; 25 g contain the following flame retardant substances/preparations in</li> </ul>			
1 7.10	concentrations above 0.1%:	'		$\boxtimes$
	1. Chemical name: , CAS #: (See NOTE B4)			
	2. Chemical name: , CAS #: "			
	3. Chemical name: , CAS #: "			
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:			
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been			$\boxtimes$
	assigned the following Risk phrases; and Hazard statements:			
	The source(s) for these classifications is/are found at (add URL(s)): , (See note B5)			
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):		$\boxtimes$	
	If YES; at least one of the two alternatives below shall be answered;			
	a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as			
	a percentage of total plastic by weight) is %.			
	Of			
	b) The weight of recycled material is g.			

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>.

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

Model number *	7Y66		Lonovo
Issue date *	01/15/2020		Leilovo

Product environmental attributes - Market requirements (continued)	Requi	remer	nt met
Item	Yes	No	N/A

	Material and su	bstance requirements	(continued)						
P7.21*	Biobased plastic	material content is used	in the product (See No	OTE B7):					
	If YES; at least one of the two alternatives below shall be answered;  a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is  %.  or								
	b) The weight of the biobased plastic material is g.								
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp.  If mercury is used specify: Number of lamps:  and maximum mercury content per lamp:  mg								
P7.23*		es an integral display, the							
P8	Batteries	oo an integral display, the	total moroary content	in the integrated displa	y. mg				
P8.1*		composition: Magnesiu	m Dioxide Lithium		П				
P9		ption (See NOTE B8)							
P9.1		he following power levels	s or energy consumption	ons are reported:					
Energy mo		Power level at	Power level at	Power level at	Reference/Standard for energy				
		100 V AC	115 V AC	230 V AC	modes and test method *				
Peak (On-I	max)	W	W	<b>1363</b> W	Full load 100% Fan speed				
Categor	y								
EPS No-loa	ad	W	W	W					
` .	ower supply /								
	igged in the wall								
the product	lisconnected from								
PTEC *	l.)	W	W	W					
	ergy Consumption		VV	VV					
ETEC *		kWh/year	kWh/year	kWh/year					
	ergy Consumption			,					
External Po	ower Supply Effici	ency Level (International	Efficiency Marking Pro	otocol) * :					
Display res	solution * :	megapixels							
	e to enter energy	save mode: minut	es						
P9.2*	Information abou	it the energy save function	on is provided with the	product.					
P9.3	Energy efficiency	y class (monitors only):							
P10	Emissions								
D40.4		<ul> <li>Declared according to</li> </ul>	ISO 9296 (See NOTE		(A. children de la late (T)				
P10.1	Mode Idle	Mode description  * Minimal loading		* 7.9	t A-weighted sound power level, L <sub>WA,c</sub> (B)				
		* 70% loading		* 7.9					
	Operation	Declared A-weighted sound	d mesocure lovel (dB)	-					
	Other mode	$L_{pAm}$		(operator pos	sition desktop – idle)				
	Other mode $ \begin{array}{c} \textit{Declared A-weighted sound pressure level (dB)} \\ L_{p \text{Am}} \end{array} $ $(\textit{operator position desktop-operating}) $								
	Measured accor	ding to: X ISO 7779	ECMA-74	·					
		Other	(only if not covered by	ECMA-74)					
	Electromagneti								
P10.4		y meets the requirement	for low frequency elec	tromagnetic fields of th	e following voluntary				
	program(s):								

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available; see <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>

NOTE B9 A Guidance document on Acoustic Noise is available;

 $see \ \underline{http://www.ecma-international.org/publications/standards/Ecma-370.htm}$ 

Model nu	umber *	7Y66				Logo		100	1/0	
Issue da	te *	01/15/2020					Le	no	VO	тм
Product	t environr	nental attribu	tes - Market requiren	ments (continue	ed)		Red	quire	ment	met
Item								Yes	No	N/A
P12		mics for compu								
P12.1*	The disp	lay meets the e	rgonomic requirements o	of ISO 9241-307 fo	r visual display technol	ogies.				$\boxtimes$
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.									$\boxtimes$
P13	Packagi	ng and docum	entation							
P13.1*	Product	packaging mate	erial type(s): Corrugate erial type(s): LDPE erial type(s): EPE	weight (kg): 3.76 weight (kg): 0.12 weight (kg): 1.5	2					
P13.2*	Product	plastic primary <sub>ا</sub>	packaging is free from P\	/C.				$\boxtimes$		
P13.3*			rrugated fiberboard pack er content: <mark>66</mark> %	kaging, specify the	e contained percentag	e of minimu	m post-			
P13.4*		media for user a ronic, Paper	and product documentation,Other	on (tick box):						
P13.5	Ùser an		nis item if paper documer nentation on paper media							
	Totally o	hlorine-free								
	Element	ental chlorine-free						$\Box$		
	Process	ed chlorine-free								
P14	Volunta	ry programs								
P14.1	The prod	duct meets the r	equirements of the follow	ring voluntary prog	gram(s):					
	ENERG Eco-labe Eco-labe		Criteria version: Criteria version: Criteria version:	Date Date Date	: Product	t category: t category: t category:				
P15			(See NOTE B10)							
P9			of computer products; a							
	the info supplie informa	rmation contain r's knowledge a tion. The infori	no representations, guned in this document. A available at the time of a mation provided here is the for more information	All information pr completion, and approximate and	ovided by supplier in supplier shall have no	this docum obligation	ent is prov to update	vided I such	based	on
P9			fied Enterprise Servers							

NOTE B10 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 B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive)*  * Specific exemptions apply for certain products and applications.	P1.1, P3.1
Regulation (EC) 1907/2006 (REACH Regulation), annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2006/66/EC (Battery and accumulators Directive), as amended.*  * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2,3, P8.1
Directive 2014/35/EU (Low Voltage Directive)	P3.1
Directive 2014/30/EU (EMC Directive)	P3.1
Directive 2014/53/EU (RE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power demand and average active efficiency of external power supplies	P3.1, P3.2, P9.1
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	P2.4, P2.5, P3.1, P3.2, P7.23, P9.1
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1
Implementing Regulation (EU) 2019/290 establishing the format for registration and reporting of producers of electrical and electronic equipment to the register.	
Commission Implementing Regulation 2017/699 establishing a common methodology for the calculation of the weight of electrical and electronic equipment (EEE) placed on the national market in each Member State and a common methodology for the calculation of the quantity of waste electrical and electronic equipment (WEEE) generated by weight in each Member State.	

# Lenovo ErP Lot9 Information Sheet - Servers & Storage Products-

As required by COMMISSION REGULATION (EU) 2019/424 of 15 March 2019 laying down ecodesign requirements for servers and data storage products pursuant to Directive 2009/125/EC of the European Parliament and of the Council and amending Commission Regulation (EU) No 617/2013. (ErP Lot9)

### Products scope of this sheet: Servers & storage products

This document is only valid in connection with the IT Eco Declaration of the specific Product.

#### **SERVERS**

General information	
Commercial name (3.1 (b) )	CP_SR_S10/ CP_SR_D20/ CP_SR_D20F

Commercial name (3.1 (b)) CP-SB-S10/ CP-SB-D20/ CP-SB-D20E

Contact Address (3.1 (b))

Model Number (3.1 (c)) 7Y66

Issue Date 01/15/2020

Additional information

Product e	environmental attributes (EU) 2019/424 – Annex II points 3.1 and 3.3						
1.a	Is the product consider to be in scope of ErP Lot 9 in scope out of scope, product is out of scope as:						
1.b (3.1 (a))	Server type Rack Server High Performance Computing (HPC) Tower Server Multi Node Server Blade Server Data Storage product (Please go to "DATA STORAGE PRODUCTS" section						
1.c (3.1 (d))	Year of manufacture:						
1.d (3.1 (p))	Product model part of a server product family? No Yes List of all model configurations that are represented by the model:						
1.e (3.1 (n))	Information on the secure data deletion functionality  (a) instructions on how to use the functionality:  (b) techniques used:  (c) supported secure data deletion standard (if any):  OR - Reference to other information:						
1.f (3.1 (o))	Blade servers? No Yes list of recommended combinations with compatible chassis:						
Recycling							
2.a (3.3 (a))	Indicative weight range at component level, of the following critical raw materials:  (a) Cobalt in the batteries (b) Neodymium in the HDDs (less than 5 g) (l						
2.b (3.3 (b))	Instructions on the disassembly operations <ul> <li>(a) the type of operation;</li> <li>(b) the type and number of fastening technique(s) to be unlocked;</li> <li>(c) the tool(s) required.</li> </ul>						
	OR - Reference to other information:						
2.c	Firmware Reference to information on last available firmware:						
Additional	I information						

### **DATA STORAGE PRODUCTS**

Commercial name (3.2 (b) )	CP-SB-S10/ CP-SB-D20/ CP-SB-D20E	Logo	
Contact Address (3.2 (b) )	Lenovo DCG Storage Development Rick Lin Lenovo Taiwan Branch 8F., No. 66, Sanchong Rd., Nangang Dist., Taipei City, Zipcode: 11502 Rlin12@lenovo.com	Lenovo	
Model Number (3.2 (c) )	<b>7Y66</b>		
Issue Date	01/15/2020		
Additional information			

Product e	environmental attributes (EU) 2019/424 – Annex II points 3.2 and 3.3		
A.1	Is the product consider to be in scope of ErP Lot 9 in scope of scope Product is out of scope as: Fully fault tolerant server		
A.2	Data Storage type Online Data Storage Product Small Data Storage Product		
(3.2 (a))	Large Data Storage Product Other: Fully fault tolerant server		
A.3 (3.2 (d))	Year of manufacture: 2018		
A.4	PSU efficiency at 10 % (if applicable), 20 %, 50 % and 100 % of rated output power		
(3.2 (e) )	(expressed in % and rounded to the first decimal place): : Multi-output Single-output  10% 20% 50% 100% Average		
A.5 (3.2 (f) )	Power factor at 50 % of the rated load level (rounded to three decimal places)		
A.6 (3.2 (g) )	Operating condition class (as defined in Table 6 or ErP lot 9)		
	Exception comments		
	This word out has been accepted in and act a confer that it will for a time within the beauty desired.		
	☐ This product has been tested in order to verify that it will function within the boundaries (such as temperature and humidity) of the declared operating condition class.		
A.6 (3.2 (h))	Information on the secure data deletion tool(s)  (a) instructions on how to use the functionality:  (b) techniques used:		
	(c) supported secure data deletion standard (if any):		
	OR - Reference to other information:		
RECYCL	LING DATA		
B.1 (3.3 (a))	Indicative weight range at component (a) Cobalt in the batteries (b) Neodymium in the HDDs		
(3.3 (a) )	level, of the following critical raw materials:		
	between 5 g and 25 g less than 5 g		
	above 25		
B.2	Instructions on the disassembly operations		
(3.3 (b) )	(a) the type of operation;		
	(b) the type and number of fastening technique(s) to be unlocked;		
	(c) the tool(s) required.		
	OR - Reference to other information:		
B.3	Firmware		
	Reference to information on last available firmware:		
	https://datacentersupport.lenovo.com/uu/en/products/storage/lenovo-storage/ThinkAgile-CP-SB-S10/ CP-SB-D20/ CP-SB-		
	D20E/7Y66/downloads/driver-list/component?name=Product%20Firmware		
	After EOL'ed, firmware would be available at:		
	https://download.lenovo.com/eol/index.html		
Additional information			