



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	Logo				
Company name *	Lenovo		_			
Contact information *	Lenovo Global Environmental Affairs		Lenovo			
e-mail address	Alvin L Carter		LCI IOVO,			
	alcarter@lenovo.com					
Internet site *	https://www.lenovo.com/us/en/about/sustainability					
Additional information	nformation 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 *	SERVER			
Commercial name *	Lenovo ThinkSystem SR530			
Model number *	7X07, 7X08			
Issue date *	2020-01-31			
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 *		7X07, 7X08	Logo	Lon		
Issue dat	e *	2020-01-31		Len	DVC	D _{TM}
Product	environ	mental attributes - Legal requirements		Require	ment	met
Item				Yes	No	N/A
P1		ous substances and preparations				
P1.1*	Products	s do comply with current European RoHS Directive. (See legal reference and NOTE	E B1)	\boxtimes		
P1.2*		s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.				
P1.3*	hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrach ethane, methyl bromide (see legal reference). Comment: Legal reference has no mation 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*		s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carl ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).	oon atoms in th	e 🔀		
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/weel	k 🔀		
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):	\boxtimes		
P2	Batterie	· · · · · · · · · · · · · · · · · · ·				
P2.1*		soluct contains a battery or an accumulator, the battery/accumulator is labeled with t	he disposal		$\overline{}$	
1 2.1		Information on proper disposal is provided in user manual. (See legal reference)	ine disposai		ш	Ш
P2.2*	Batteries reference	s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadme)	nium. (See lega	ı 🔀		
P2.3*	Batteries	and accumulators are readily removable. (See legal reference)		\boxtimes		
P2.4*	Docume	ntation includes the number of cycles the (secondary) battery can withstand. (See I	egal reference)			\boxtimes
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: https://www.lenovo.com/us/en/compliar				
P3.2*		duct complies with the Eco design requirements for energy-related products, al reference).		\boxtimes		
	Required	d information is; given in item P15 or added to this document, available at: https://www.lenovo.com/us/en/compliance/ea/	oco-declaration			
P5	Product	packaging	co-acciaration			
P5.1*		ng and packaging components do not contain more than 0,01% lead, mercur	v, cadmium ar	nd 🔀		
		ent chromium by weight of these together.	,,			
P5.2*		kaging materials are marked with abbreviations and numbers indicating the nature le legal reference).	of the material(s) 🔀		
P5.3*	(see lega	duct packaging material is free from ozone depleting substances as specified in the Nal reference). In the control of the Maximum concentration values.	Montreal Protoc	ol 🔀		
P6		nt information				
						_

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

P6.1*

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.

Model number *	7X07, 7X08	Logo	Lonovo
Issue date *	2020-01-31		LEI IOVO.

Product	environmental attributes - Market requirements (See General NOTE GN below)			
	- 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
P7	Design, Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable		Н.	- -
P7.2*	Plastic materials in covers/housing have no surface coating.		<u></u>	<u> </u>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.		Щ.	Щ.
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.		<u>Ц</u>	_ <u>_</u> _
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		Щ.	_ <u>_</u>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).			
D7 7*	Product lifetime		_	
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		<u> </u>	Щ.
P7.8*	Upgrading can be done using commonly available tools			
P7.9	Spare parts are available after end of production for: years			_ <u>_</u>
P7.10	Service is available after end of production for: years			
D7 44*	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: Metal Material type: Material type: Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.			
P7.13	Insulation materials of internal electrical cables are PVC free.	-H	+	-
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1%	<u> </u>	Ħ	-
	weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, an			ш
	polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing	g		
P7.15	more than 25% post-consumer recycled content.			
1 7.13	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low haloge as defined in IEC 61249-2-21. (See ⁵ NOTE B2)	n 🔲	Ш	Ш
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:		$\overline{}$	$\overline{}$
1 7.10	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 #:			
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g			
	according ISO 1043-4:			
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations i	n		-
	concentrations above 0,1%:			
	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	$-$ H $^{-}$	\pm	-
	assigned the following Risk phrases; and Hazard statements:	ш	ш	
	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 VES; at least one of the two alternatives below shall be answered:		_	_
1	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 %.			
	or			
	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 http://www.ecma-international.org/publications/standards/Ecma-370.htm.

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 *	7X07, 7X08	Logo	Lonovo
Issue date *	2020-01-31		Lei Iovo.

Product environmental attributes - Market requirements (continued)	Requirement me		
Item	Yes	No	N/A

	Material and su	bstance requirements	(continued)					
P7.21*		material content is used		OTE B7):				
	a) Of total pla	one of the two alternative stic parts' weight > 25 g, by weight) is %.			ted as a percentage of			
		of the biobased plastic r	naterial is g.					
P7.22*		e free from mercury, i.e.	less than 0,1 mg/lamp.			X		
		d specify: Number of lan		um mercury content pe				
P7.23*	If product include	es an integral display, the	e total mercury content	in the integrated displa	ıy: mg			\boxtimes
P8	Batteries							
P8.1*	Battery chemica	I composition: Lithium N	langanese Dioxide					
P9	Energy consum	ption (See NOTE B8)						
P9.1	For the product	the following power level	s or energy consumption	ons are reported:				
Energy mo	de *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard modes and test meth		nergy	
Peak (On-I	max)	W	W	W	Full load			
Categor	v							
EPS No-loa		W	W	W				
(External p	ower supply /							
	igged in the wall							
	lisconnected from							
the product	t.)							
PTEC *		W	W	W				\boxtimes
ETEC *	ergy Consumption		1.10/15/1100	1.10/1-/				
_	ergy Consumption	kWh/year	kWh/year	kWh/year				\boxtimes
	• •	ency Level (International	Efficiency Marking Pro	tocol) * :				\boxtimes
Display res	,	megapixels	, ,	,				X
Default time	e to enter energy	save mode: minut	tes					
P9.2*	Information abou	ut the energy save function	on is provided with the	product.	1	\boxtimes		
P9.3	Energy efficienc	y class (monitors only):						\boxtimes
P10	Emissions							
		 Declared according to 	ISO 9296 (See NOTE					
P10.1	Mode	Mode description			t A-weighted sound pov	ver leve	I, L _{WA,c}	(B)
	Idle	* Indicates idle condit	1 · · · · · · · · · · · · · · · · · · ·	* 5.2				
		powered on, but no di other devices idling)	SK activity and all					
	Operation	* Indicates CPU and m	nemory operating	* 5.5			-	$\overline{}$
	Орегилен	condition(run PTU wit		0.0				
	CPU and memory subsystem							
	Other mode Declared A-weighted sound pressure level (dB) L_{pAm}		(operator posi	ition desktop – idle)				
	Other mode	Declared A-weighted sound	pressure level (dB) $L_{p{\sf Am}}$	(operator posi	ition desktop – operating)			
	Measured accor	ding to: 🔀 ISO 7779 🗌	ECMA-74					
		Other	(only if not covered by	ECMA-74)				
	Electromagneti		, , , , , , , , , , , , , , , , , , , ,	<u>, </u>				
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 http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B9 A Guidance document on Acoustic Noise is available;

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

Model number * Issue date *		7X07, 7X08	Logo	Long	1/0	
		2020-01-31		Leno	VO.	н
Product	environr	nental attributes - Market requirements (continued)		Require	ment	met
Item				Yes	No	N/A
P12		nics for computing products				
P12.1*	The disp	lay meets the ergonomic requirements of ISO 9241-307 for visual display technolog	gies.			\boxtimes
P12.2*	The phys	sical input device meets the requirements of ISO 9995 and ISO 9241-410.				\boxtimes
P13	Packagi	ng and documentation				
P13.1*	Product Product Product	packaging material type(s): Carton weight (kg): 2.7 packaging material type(s): EPE weight (kg): 0.78 packaging material type(s): LDPE weight (kg): 0.07 packaging material type(s): Paper cushion weight (kg): 1.6 packaging material type(s): Corner paper(divided by unit quantity) weight (kg)	ı): 0.07			
P13.2*		plastic primary packaging is free from PVC.		\square		
P13.3*		luct primary corrugated fiberboard packaging, specify the contained percentage or recovered fiber content: 55 %	of minimum p	oost-		
P13.4*		media for user and product documentation (tick box): ronic, ☑Paper, ☑Other				
P13.5	Ùser and	only complete this item if paper documentation used) I product documentation on paper media is chlorine-free: lease specify:				
	Element	hlorine-free al chlorine-free ed chlorine-free				
P14		ry programs				
P14.1	The prod	fluct meets the requirements of the following voluntary program(s):				

Date:

Date:

Date:

NOTE: Supplier makes no representations, guarantees, assurances or warranties whether express or implied, regarding the 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

Product category:

Product category:

Product category:

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.

ENERGY STAR®

Additional information (See NOTE B10)

Account Representative for more information.

Eco-label:

Eco-label:

P15

P9

P9

Criteria version:

Criteria version:

Criteria version:

See Energy Star Qualified Enterprise Servers for the latest information: https://www.energystar.gov/products/data_center_equipment/enterprise_servers

Energy consumption of computer products; description of the tested product configuration:

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

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General	int∩r	mation
Ochelai	HILL	mauon

Commercial name (3.1 (b))	Lenovo ThinkSystem SR530	Logo	
Contact Address (3.1 (b))	7001 Development Dr. Building 7		
	Morrisville, NC 27560		
	United States		Lenovo
Model Number (3.1 (c))	7X07, 7X08		
Issue Date	2020-01-31		
Additional information			

Product	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: 2017						
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: http://psref.lenovo.com/Product/ThinkSystem/ThinkSystem_SR530						
1.e	Information on the secure data deletion functionality						
(3.1 (n))	(a) instructions on how to use the functionality: 2 methods are provided to use the functionality. 1) Use a command line tool to do the secure data deletion on the remote target system via boot up a customized Linux OS on it. Eg: OneCli.exe serase –bmc USERID:PASSWORD@xx.xx.xx.xxsftp root:password@xx.xxx.xx.xx:/home –log 5 2) Use BoMC to create a full functions bootable media, start the media and choose secure erase from the text menu. (b) techniques used: OS tools under Linux -> Standard Linux Open Source tool (c) supported secure data deletion standard (if any): Secure Erase/block Erase/Crypto Erase, Sanitize OR - Reference to other information: Hdparm: https://en.wikipedia.org/wiki/Hdparm Nvme-format: https://en.wikipedia.org/wiki/Hdparm Nvme-format: https://www.systutorials.com/docs/linux/man/1-scrub/						
1.f (3.1 (o))	storcli: https://docs.broadcom.com/docs-and-downloads/raid-controllers/raid-controllers-common-iles/StorCLI_RefMan_revf.pdf Blade servers? No Yes						
	list of recommended combinations with compatible chassis:						
Recyclin 2.a	Indicative weight range at component level, of the (a) Cobalt in the batteries (b) Neodymium in the HDDs						
(3.3 (a))	following critical raw materials: Cobalt in the batteries (b) Neodynium in the FIDDS						
	between 5 g and 25 g						
	above 25 g						
2.b (3.3 (b))	Instructions on the disassembly operations (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: https://thinksystem.lenovofiles.com/help/topic/7X07/maintenance_manual.pdf						
2.c	Firmware Reference to information on last available firmware: https://datacentersupport.lenovo.com/cn/en/products/servers/thinksystem/sr530/7x08/downloads/driver-list/ Information						
Auditiolia	illiotiliation						

Server family specific information Family 1

Family no. / name		1 - 1 CPU populated family						
Model number(s) / Description		Standard or low-end performance configuration:						
(3.1 (c))		Processor(Minimum result of core count * frequency in family): Intel Xeon Silver 4208, Storage: 1TB						
		HDD * 2, Memory: 16GB(lowest capacity in family) * 3, PSU: 550W * 1,						
		High-end performance configuration:						
		Processor(Maximum result of core count * frequency in family): Intel Xeon Gold 5220S, Storage:						
		480GB SSD * 2, Memory: 32GB * 6, PSU: 750W * 2						
A -1 -1!4!	1 !	You can refer to https://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=49&type=1 along with						
Addition	al information							
Dundant amaignment of the		http://psref.lenovo.com/Product/ThinkSystem/ThinkSystem_SR530 for the PSU efficiency details. butes (EU) 2019/424 – Annex II points 3.1 and 3.3						
F1.a (3.1 (e))		siency at 10 % (if applicable), 20 %, 50 % and 100 % of rated output power						
(0.1 (0))	(expressed in % and rounded to the first decimal place): Multi-output Single-output							
	Standard or low-end performance configuration(s):							
		8 50% 95.1 100% 94.0 A						
	10/0 01.0 20/0 00.0	0 00 /0 00.1 100 /0 04.0 F	Wordge 34.3					
	High-end performand	ce configuration(s):						
		3 50% 94.8 100% 93.3 A	verage 93.8					
F1.b		of the rated load level	standard or low-end performar	nce high-end performance				
(3.1 (f))	(rounded to three de-	cimal places)	configuration: 0.990	configuration: 1.000				
F1.c	PSU rated power out	put	standard or low-end performar	nce high-end performance				
(3.1 (g))	(in Watts rounded to	the nearest integer)	configuration: 550	configuration: 750				
	internal note:							
	If a product model is part of a ser	ver product family, all PSUs offered in a server with the information specified in (e) and (f)						
F1.d	idle state power	with the information specified in (e) and (i)	standard or low-end performar	nce high-end performance				
(3.1 (h))	•	ed to the first decimal place)	configuration: 62.4	configuration: 69.2				
F1.e		ts for additional idle power allo	wances	ŭ				
(3.1 (i))	•							
			or low-end performance	high-end performance				
	ODIL D. (configura		configuration:				
	CPU Performance	<u>∠</u> 1 So	cket (10 × PerfCPU W)	∆ 1 Socket				
		2 So	cket (7 × PerfCPU W)	2 Socket				
idle power allowances adjustments during testing	Additional PSU	No #: 0		Yes #: 1				
tme	HDD	Yes #: 2		No #: 0				
gins	SDD	No #: 0		Yes #: 2				
s ac ing	Additional memory	Yes #: 44	IGB	Yes #: 188GB				
esti	Additional buffered DDF	R channel No #: 0		No #: 0				
war ng t	Additional I/O devices	none		none				
allo Turir		< 1 Gb.	/s: No Allowance	< 1 Gb/s: No Allowance				
er a		= 1 Gb	/s: 2,0 W/Active Port	= 1 Gb/s: 2,0 W/Active Port				
NO.			/s and < 10 Gb/s: 4,0 W/Active Port	> 1 Gb/s and < 10 Gb/s: 4,0 W/Active Port				
<u>e</u>			b/s and < 25Gb/s: 15.0 W/Active Port					
<u>P</u>				≥ 10 Gb/s and < 25Gb/s: 15,0 W/Active Port				
		≥ 25 G	b/s and < 50Gb/s: 20,0 W/Active Port	≥ 25 Gb/s and < 50Gb/s: 20,0 W/Active Port				
		≥ 50 G	b/s 26,0 W/Active Port	≥ 50 Gb/s 26,0 W/Active Port				
F1.f	maximum power		standard or low-end performar	•				
(3.1 (j))		ed to the first decimal place)	configuration: 120.2	configuration: 243.5				
F1.g	operating condition of		standard or low-end performar					
(3.1 (k))	(as defined in Table (o or ErP lot 9)	configuration:	configuration:				
			A1	⊠A1				
			Evention corrects	Evention company				
			Exception comments	Exception comments				
F1 h	idle state nower at th	e higher houndary tomporetur	e standard or low-end performar	nce high-end performance				
F1.h idle state power at the higher boundary temperature (3.1 (I)) of the declared operating condition class (in Watts)				configuration: 138.2				
F1.i the active state efficiency and the performance in			standard or low-end performar					
(3.1 (m))			configuration: 17.3	configuration: 32.9				

Server family specific information Family 2

Family no. / name		2 - 2 CPUs populated family					
	number(s) / Description			ance configuration:			
(3.1 (c))		Processor(Minimum result of core count * frequency in family): Intel Xeon Bronze 3104 * 2, Storage: 1TB HDD * 2, Memory: 16GB(lowest capacity in family) * 6, PSU: 550W					
		High-end perform			, PSO. 350W		
					amily): Intel Xeon Gold 5220S * 2, Storage		
		480GB SSD * 2, I	Memory: 320	GB * 12, PSU: 750W * 2			
	nal information	Please refer to the					
	ct environmental attri	butes (EU) 2019/4	24 – Annex I	I points 3.1 and 3.3			
F2.a (3.1 (e))	See family 1						
(=:: (=))	Or specific to this far		0% 50% an	nd 100 % of rated output newer			
	PSU efficiency at 10 % (if applicable), 20 %, 50 % and 100 % of rated output power (expressed in % and rounded to the first decimal place) : Multi-output Single-output						
	standard or low-end			oo) . E Main output E onig	io output		
	10% 20%	50%	100%	Average			
	high and parformance	o configuration(a):					
	high-end performand	e configuration(s): 50%	100%	Average			
F2.b	Power factor at 50 %			See family 1			
(3.1 (f))	(rounded to three de	cimal places)		Or specific to this family:			
				standard or low-end performa			
F0	DOLL 4 I			configuration:	configuration:		
F2.c (3.1 (g))	PSU rated power out		-1	See family 1			
(=:: (3//	(iii watts rounded to	the hearest integer	,	Or specific to this family:			
	internal note:		Y 1	standard or low-end performa	nce high-end performance		
	If a product model is part of a ser product family shall be reported v	vith the information specified in	rered in a server i (e) and (f)	configuration: 750	configuration: 550		
F2.d	idle state power		-1 -1 \	standard or low-end performa			
(3.1 (h)) F2.e	(in Watts and rounde List of all componen			configuration: 73.1	configuration: 85.1		
(3.1 (i))	List of all componen	is for additional falc		r low-end performance	high-end performance		
			configuration		configuration:		
	CPU Performance			et (10 × PerfCPU W)	1 Socket		
(0				et (7 × PerfCPU W)	2 Socket		
idle power allowances adjustments during testing	Additional PSU		No #: 0		Yes #: 1		
ıstm	HDD SDD		Yes #: 2 No #: 0		No #: 0 Yes #: 2		
adju g	Additional memory		Yes #: 92G	ìB	Yes #: 380GB		
ses	Additional buffered DDF	R channel	No #: 0	_	No #: 0		
vand	Additional I/O devices		none		none		
allov			< 1 Gb/s:	No Allowance	< 1 Gb/s: No Allowance		
/er a			= 1 Gb/s:	2,0 W/Active Port	= 1 Gb/s: 2,0 W/Active Port		
wod			> 1 Gb/s a	and < 10 Gb/s: 4,0 W/Active Port	> 1 Gb/s and < 10 Gb/s: 4,0 W/Active Port		
dle			≥ 10 Gb/s	and < 25Gb/s: 15,0 W/Active Port	≥ 10 Gb/s and < 25Gb/s: 15,0 W/Active Port		
			≥ 25 Gb/s	and < 50Gb/s: 20,0 W/Active Port	≥ 25 Gb/s and < 50Gb/s: 20,0 W/Active Port		
			≥ 50 Gb/s	26,0 W/Active Port	≥ 50 Gb/s 26,0 W/Active Port		
F2.f	Maximum power			standard or low-end performa			
(3.1 (j)) (3.1 (k))	(in Watts and rounde Operating condition		ai piace)	configuration: 166.6	configuration: 420.6		
(=:: (:://	(as defined in Table			See family 1 Or specific to this family:			
	•	,		standard or low-end performa	nce high-end performance		
				configuration:	configuration:		
				A1	A1		
				A2	A2		
				A3	A3		
				A4	A4		
				Exception comments	Exception comments		
F2.h	idle state power at th	e higher boundary	temperature	See family 1			
(3.1 (I))	of the declared operating condition class		Or specific to this family:				
	(in Watts)			standard or low-end performa			
				configuration: 130.8	configuration: 180.6		
F2.i (3.1 (m))	()			See family 1			
(5 (111))	active state of the Se	ı vcı,		Or specific to this family: standard or low-end performa	nce high-end performance		
				configuration: 13.5	configuration: 36.3		
<u> </u>				٠	٠٠		