

Annex B2 - Product environmental attributes Computers and computer monitors

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		LEIIUVU
	alcarter@Jenovo.com		
Internet site *	https://www.lenovo.com/us/en/sustainability-resources/		
Additional information	The latest version of this document can be found at:		
	http://www.lenovo.com/ecodeclaration		

	based on product specification or test results based obtained from sample testing), that the product nts given in this declaration.
Type of product *	Notebook Computer
Commercial name *	Lenovo 13w Yoga Gen 2
Model number *	82YS,82YR
Issue date *	2023-03-13
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.

terphenyl (PCT) in preparations (see legal reference). Image: Construct of the chain contains 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). P1.6* Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm²/week (see legal reference). Image: Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.lenovo.com/us/en/Lenovo-REACH-SVHC Disclosure P2 Batteries P2.1* P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.3* Batteries and accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P3.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference). P3.6 Conformity verification & Eco design (ErP)	Model n	umber *	82YS,82YR											Lc	ogo					
Item Yes No n.a. P1 Hzardous substances and preparations P1.1* Products do comply with current European RoHS Directive. (See legal reference). Image: Comparison of Comparison Comparison on maximum concentration value. P1.1* Products do not contain Absetos (see legal reference). Image: Comparison on Comparison on Maximum concentration value. Image: Comparison on Comparison on CPC), hydrochronthurocarbons (CFC), halons, carbontetrachloride, 1,1,1-trichloroothane, methyl bromide (see legal reference). Image: Comparison on CPC), hydrochronthurocarbons (CFC), hydrochronthurocarbons (HCPC), hydrochronthurocarbon atoms in the comparison on the comparison of the comparison of the comparison of the comparison of the comparison on the comparison o	lssue da	ite *	2023-03-13													L	-6	nc	V	0
Item Yes No n.a. PI Hazardous substances and preparations P1.1 Products do comply with current European RoHS Directive. (See legal reference and NOTE B1) □ P1.2 Products do not contain Abbestos (see legal reference). □ □ P1.3 Products do not contain Abbestos (see legal reference). □ □ P1.4 Products do not contain Ozone Depleting Substances: Chiorofluorocarbons (CFC), ↓ ↓ ↓ hydrobromofluorocarbons (HBFC), hydrochiorofluorarabons (CFC), ↓ ↓ ↓ ↓ P1.4* Products do not contain more than; 0,005% polychiorinated biphenyl (PCB), 0,005% polychioninated □ □ ↓ P1.4* Products do not contain more than; 0,005% polychiorinated biphenyl (PCB), 0,005% polychiorinated □ □ ↓ <t< th=""><th></th><th></th><th></th><th></th><th>-</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th></t<>					-	-												-		
P1 Hazardous substances and preparations P1.1* Products do comply with current European RoHS Directive. (See legal reference and NOTE B1) P1.2* Products do not contain Asbestos (see legal reference). Comment. Legal reference has no maximum concentration value.		t environr	nental attributes	- Leg	gal reo	quirer	ments	5									R			
P1.1* Products do comply with current European RoHS Directive. (See legal reference and NOTE B1) P1.2* Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. P1.3* Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. P1.3* Products do not contain more than. 0.005% polychlorinated biphenyl (PCB). 0.005% polychlorinated iterphenyl (PCT) in preparations (see legal reference). P1.4* Products do not contain more than. 0.005% polychlorinated biphenyl (PCB). 0.005% polychlorinated iterphenyl (PCT) in preparations (see legal reference). P1.4* 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). P1.6* Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 µg/cm ⁷ /week (see legal reference). Comment: Maximit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.lenove.com/us/en/Lenovo-REACH-SVHC Disclosure Deatreference) P2.4* Batteries on accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can																		Yes	No	n.a
P1.2* Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. P1.3* Products do not contain Ozone Depleting Substances: ChlorOluorcarbons (CFC), hydrobromfluorcarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1.1-trichloreethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values. P1.4* Products do not contain more than: 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference). Image: Comment: Comment: Legal reference). P1.4* Products do not contain more than: 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference). Image: CPC Polych PCB Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 µg/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* P1.7* REACH Artice 33 information about substances in articles is available at (add URL or mail contact): https://www.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal sprovided in user manual. (See legal reference) P2.2* Batteries of an coteolox more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference).									(0	-	1 6			NOT						
Comment: Legal reference has no maximum concentration value. □ P1.3* Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (FCC), Halons, carbontetrachloride, 1, 1, 1-trichlorochane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values. P1.4* Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphyl (PCT) in preparations (see legal reference). □ P1.5* Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphyl (PCT) in preparations (see legal reference). □ P1.6* Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 µg/cm ² /week □ Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): this <i>Strewe</i> in the origonal is provided in user manual. (See legal reference). □ P2.4* If the product contains a battery or an accumulator, the batter/accumulator is labeled with the disposal symbol. Information and proceer disposal is provided in user manual. (See legal reference) □ P2.3* Batteries on accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) □ P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference). □ P2.4*			1,2						e. (Se	e lega	al refe	erenc	e and	NOT	E B1)					
hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbonettrachloride, 1,1,1- Image: hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbonettrachloride, 1,1,1- trichoroethane, methyl bromide (see legal reference). Concentration values. P1.4* Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated concentration values. 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). P1.6* Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.lenvo.com/us/en/Lenvo.REACH-SVHC- Disclosure P2 Batteries or accumulators on to contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal is provided in user manual. (See legal reference) P2.3* Batteries or a accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference). P2.4* Documentation includes the number of cycles the (secondary) for energy-related by a nonprofessional user, the related text is present and legible on the	=	Comme	nt: Legal reference h	nas no	o maxir	num co	oncent	rátior												
P1.4* Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference). P1.5* Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference). P1.6* Pats with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm²/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.lenovo.com/us/en/Lenovo-REACH-SVHC Disclosure P2 Batteries P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal sprovided in user manual. (See legal reference) P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal ? P2.3* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P2.4* Documentation abteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference). P3.4* The produc	P1.3*	hydrobro trichloro	omofluorocarbons (H ethane, methyl brom	HBFC)), hydro	ochloro	ofluorca	arbon	ns (HC	CFC),	Halo	ns, ca	arbon				1-			
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). P1.6* Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm²/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.lenovo.com/us/en/Lenovo-REACH-SVHC: Disclosure Disclosure P2 Patteries P2 P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.2* Batteries or accumulators are readily removable. (See legal reference) P2.3* Batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference).	P1.4*	Products	s do not contain more						d bipl	nenyl	(PCB	8), 0,0	005%	polyc	hlorina	ated		\square		
P1.6* Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5. P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.lenovo.com/us/en/Lenovo-REACH-SVHC- Disclosure P2 Batteries P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.3* Batteries and accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P3.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference). P3.5* Conformity verification & Eco design (ErP) P3.6* The product complies with the applicable legal requirements (see legal reference). P3.2* The product complies with the applicable Eco design requirements for energy-re	P1.5*	Products	s do not contain mor	e thar	n 0,1%	short	chain o	chloro							rbon a	toms	in the	\square		
P1.7* REACH Article 33 information about substances in articles is available at (add URL or mail contact): Imit product contains a lot on the provided in the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.3* Batteries and accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P3.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.2* The product compliance/uc-doc for EU ; http://www.lenovo.com/us/en/compliance/uc-doc for EU ; http://www.lenovo.com/us/en/compliance/uc-doc for UK P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). P4.1* Acaging and packaging components do not contain more than 0,01% lead, mercury, cadmium an hexav	P1.6*	Parts wi (see leg	th direct and prolong al reference).	ged sk	kin cont	tact do	o not re	lease	e nick	el in c	conce	ntrati	ions a		0,5 μ	g/cm²/	week			
P2.1* If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.3* Batteries or accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P2.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) P3 Conformity verification & Eco design (ErP) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P4.1* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). Required information is; given in item P15 or added to this document, available at (add URL): <u>http://www.lenovo.com/ecodeclaration</u> P5.4* Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together. P5.2* The prackaging materials are marked with abbreviations and numbers indicati	P1.7*	REACH <u>https://v</u>	Article 33 informatio	on abo	out sub	stance	es in ar	ticles	is av					or mai	l conta	act):				
symbol. Information on proper disposal is provided in user manual. (See legal reference) Image: Symbol. Information on proper disposal is provided in user manual. (See legal reference) P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.3* Batteries and accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P2.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) P3 Conformity verification & Eco design (ErP) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.1* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). P5.1* Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of	P2	Batterie	s																	
P2.2* Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) P2.3* Batteries and accumulators are readily removable. (See legal reference) P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) P2.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) P3 Conformity verification & Eco design (ErP) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). P3.1* The product of Conformity can be requested at (add link or e-mail address): https://www.lenovo.com/us/en/compliance/uu-doc for EU ; https://www.lenovo.com/us/en/compliance/uu-doc for UK P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). P4.2* Poduct 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. P5.2* The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comm	P2.1*														the d	isposa	al	\boxtimes		
P2.3* Batteries and accumulators are readily removable. (See legal reference) Image: Constraint of the example	P2.2*	Batteries	s or accumulators do												mium.	(See	legal	\boxtimes		
P2.4* Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference) □ P2.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) □ P3 Conformity verification & Ecc design (ErP) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). □ P3.2* The product is Comfusiven/compliance/eu-doc for EU; https://www.lenovo.com/us/en/compliance/eu-doc for UK □ P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). □ Required information is; □ □ □ P4.1* 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. □ □ P5.2* The product packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) □ □ 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. □ □ <	P2.3*		1	are re	eadily re	emova	able. (S	ee le	gal re	eferen	ice)							\boxtimes		
P2.5* When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference) Image: Conformity verification & Eco design (ErP) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). Image: Conformity verification of Conformity can be requested at (add link or e-mail address): https://www.lenovo.com/us/en/compliance/eu-doc for UK P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). Image: Conformity can be requested at (add URL): http://www.lenovo.com/us/en/compliance/uk-doc for UK P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). Image: Conformity can be requested at (add URL): http://www.lenovo.com/ecodeclaration P5 Product packaging Image: Conformity can be requested at (add URL): http://www.lenovo.com/ecodeclaration P5.1* Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together. Image: Conformity packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) Image: Conformity can be requested at Conformity can be requested as specified in the Montreal Image: Conformity can be requested as content requested requested reference).	P2.4*	Docume	ntation includes the	numb	ber of c	vcles t	the (se	cond	arv) b	atter	v can	withs	stand.	(See	legal	refere	nce)			
P3 Conformity verification & Eco design (ErP) P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). □ The Declaration of Conformity can be requested at (add link or e-mail address): https://www.lenovo.com/us/en/compliance/eu-doc for EU; https://www.lenovo.com/us/en/compliance/eu-doc for UK P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). □ Required information is; □ □ 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. □ P5.2* The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) □ P5.3* The product packaging materials free from ozone depleting substances as specified in the Montreal □ P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal □ P6 Treatment information □	P2.5*	When in	ternal batteries of a	noteb	book co	mpute	er cann	ot be	acc	essed	, I and	repla	ced b	ý a n	onprof		,			
P3.1* The product is CE-marked to show conformance with applicable legal requirements (see legal reference). □ The Declaration of Conformity can be requested at (add link or e-mail address): https://www.lenovo.com/us/en/compliance/uu-doc for EU; https://www.lenovo.com/us/en/compliance/uu-doc for UK P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). □ Required information is; □ given in item P15 or added to this document, □ □ ✓ available at (add URL): http://www.lenovo.com/ecodeclaration P5.1* Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together. □ P5.2* The product packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) □ P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal □ P5.3* The product packaging material is no maximum concentration values. □ P6 Treatment information	P3										<u> </u>				/					
P3.2* The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). □ Required information is; □ □ available at (add URL): http://www.lenovo.com/ecodeclaration 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. P5.2* The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal P6 Treatment information	P3.1*	The Dec <u>https://v</u>	laration of Conformit	ity can <mark>s/en/c</mark>	n be ree compli	queste iance/e	ed at (a <mark>eu-doo</mark>	dd lir <mark>2 for</mark> i	nk or (EU ;					see le	egal re	ferend	ce).			
Required information is; given in item P15 or added to this document, Image: Constraint of the second	P3.2*	The proc	duct complies with th							nts fo	r ene	rgy-re	elated	l prod	ucts,			\boxtimes		
P5.1* Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together. P5.2* The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) are used (see legal reference). 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. P6		· 0	,	\boxtimes	U U							,		ecod	eclara	tion		\square		
hexavalent chromium by weight of these together. P5.2* The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal Potocol (see legal reference). Comment: Legal reference has no maximum concentration values. P6 Treatment information	P5	Product	packaging					,												
P5.2* The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) Image: Comparison of the material (s) P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal Image: Comparison of the material (s) P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal Image: Comparison of the material (s) P6 Treatment information	P5.1*							n mor	e tha	n 0,01	1% lea	ad, m	nercur	y, ca	dmium	and		\boxtimes		
P5.3* The product packaging material is free from ozone depleting substances as specified in the Montreal Image: Comment is a comment in the montreal is a com	P5.2*	The pac	kaging materials are					ns ar	nd nur	nbers	s indic	cating	the r	nature	e of the	e mate	erial(s)	\boxtimes		
		The proc Protocol Comme	duct packaging mate (see legal reference nt: Legal reference h	e).				•	0		ces a	is spe	ecified	l in th	e Mon	treal				

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 n	umber *	82YS,82YR Logo			
ssue da	ite *	2023-03-13	_er	10	VC
Produc	- Enviro	mental attributes - Market requirements (See General NOTE GN below) onmental conscious design	Requir	ement	met
tem		tory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P7	Design				
P7.1*		mbly, recycling at have to be treated separately are easily separable			
-7.1 -7.2*					<u> </u>
		naterials in covers/housing have no surface coating.			<u> </u>
P7.3*		arts > 100 g consist of one material or of easily separable materials.			
P7.4*		arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	\square		
P7.5	Plastic p	arts are free from metal inlays or have inlays that can be removed with commonly available tools.	\square		
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).	\boxtimes		
	Product				
P7.7*	Upgradir	ng can be done e.g. with processor, memory, cards or drives	\square		
P7.8*	Upgradir	ng can be done using commonly available tools	\boxtimes		
P7.9	Spare pa	arts are available after end of production for: 5 years			
P7.10	Service i	s available after end of production for: 5 years			
	Material	and substance requirements			
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum):			
P7.12		type: PC/ABS Material type: Aluminum Material type: n materials of external electrical cables are PVC free.			
		-			<u> </u>
P7.13		n materials of internal electrical cables are PVC free.			
P7.14	weight (1 polyvinyl	plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% 1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts ng more than 25% post-consumer recycled content.			
P7.15	halogen	ircuit boards, PCBs (without components) are low halogen: all ☐ PCBs > 25 g	\square		
P7.16	Marking:		\square		
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without components): additive), TBBPA (reactive) (See NOTE B3), Other; chemical name: <i>DOPO</i> , CAS #: 3594	8- 🖂		
		nemical specifications of flame retardants in printed circuit boards (without components) > 25 g g ISO 1043-4:			
P7.18	Alt. 1: Fla concentr 1. Chem 2. Chem	ame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in ations above 0,1%: ical name: , CAS #: (See NOTE B4) ical name: , CAS #: " ical name: , CAS #: "			
			\boxtimes		
P7.19	In plastic	nemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4: <i>FR(40)</i> c parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been t the following Risk phrases; and Hazard statements:			
		rce(s) for these classifications is/are found at (add URL(s)): , (See NOTE B5)			

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.

Model nu	ımber *	82YS,821	(R			Logo		
Issue dat	te *	2023-03-1	13			Ler	novo	0
Product Item	environr	nental att	ributes - Market	requirements (cont	tinued)	Requ Yes	i irement m No n.a	
	Materia	and subs	tance requirements	(continued)		105	110 11.0	••
P7.20*					product (See NOTE B6	s):]
	a) Of t per or	total plastic centage of	parts' weight > 25 g total plastic by weigh	nt) is 14.55% .	,	content (calculated as a		
P7.21*			recycled material is aterial content is use	ed in the product (See I	NOTE B7):]
	a) Of		parts' weight > 25 g	es below shall be answ , the biobased plastic r	,	ated as a percentage of		
P7.22*	Light so	urces are fr		less than 0,1 mg/lam]
P7.23*			pecify: Number of la		mum mercury content p nt in the integrated disp	per lamp: mg		
P7.23" P8	Batterie		an integral display, ti		in the integrated disp	biay. 0.0 mg		_
P8.1*		-	omposition: Lithium	ion				1
P9			ion (See NOTE B8)					-
P9.1				els or energy consump	tions are reported:			
Energy m	ode *		Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for ener modes and test method *	rgy]
Peak (On	I-Max)		65 W	65 W	65 W	Full Load		
Device C	ategory 2							
Short Idle Enabled	e State – V (P _{short_idle})	VOL	6.276 W	6.300 W	6.408 W	ENERGY STAR Computers	s V8.0	
Long Idle Enabled	e State – M (P _{long_idle})	/OL	2.784 W	2.712 W	2.964 W	ENERGY STAR Computers	s V8.0	
Sleep (S3 (P _{Sleep})	3) – WOL L	Disabled	0.816 W	0.804 W	0.828 W	ENERGY STAR Computers	s V8.0	
Disabled	e (S5) – W0 ' (P _{off})	DL	0.516 W	0.492 W	0.516 W	ENERGY STAR Computers		
PTEC * Typical Ei	nergy Cons	sumption	W	W	W		\square	
ETEC * Annual Er	nergy Cons	sumption	19.31 kWh/year	19.23 kWh/year	19.73 kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times P_{sleep} \times 0.05 + P_{long_ldle} \times 0.1 \\ P_{short_ldle} \times 0.35)$	0.45 + 🔲 5+	J
External F	Power Sup	ply Efficien	cy Level (Internation	al Efficiency Marking P	Protocol) * : VI	International Efficiency Ma Protocol <i>(IEMP) for</i> Extern Power Supplies		J
Display re	esolution *	: 2.304 me	gapixels			1920*1200]
	ma ta antar		vo modo: 5 minutos			ENERGY STAR Computers	s V8 0	1
Default tir	ne to enter	energy sa	ve mode: 5 minutes			ENERGY STAR Computers		
Default tir P9.2*				tion is provided with the	e product.			,

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.

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.

Model number *	82YS,82YR	Logo	
Issue date *	2023-03-13		Lenovo

	t environmenta	I attributes - Market requirements (cor	itinuea)	Require		
tem				Yes	No	n.;
P10	Emissions					
		n – Declared according to ISO 9296 (See NO				
P10.1	Mode	Mode description	Statistical upper limit A-weighted sound po $L_{WA,c}$ (B)	wer level,		
	Idle	* Idle Mode	* 1.7			
	Operation	* Operating (CPU)	* 3.2		ĺ	
	Other Mode	Declared A-weighted sound pressure level (dB)	NA (operator position desktop – idle)			
	Other mode	Declared A-weighted sound pressure level (dB) L _{pAm}	NA (operator position desktop – operating- NA (operator position desktop – operating-			
	Measured acco	ording to: 🛛 ISO 7779 🔀 ECMA-74	d by ECMA-74)			
	Electromagne					
P10.4	program(s): M	PR-II(3 pin AC adapter only)	lectromagnetic fields of the following voluntary			
P12		or computing products				
P12.1*	. ,	eets the ergonomic requirements of ISO 9241-		\square		
P12.2*	The physical in	put device meets the requirements of ISO 999	95 and ISO 9241-410.	\boxtimes		
P13	Packaging an	d documentation				
	Product packa Product packa Product packa	ging material type(s): <i>Cardboard</i> weight (kg ging material type(s): <i>EPE</i> weight (kg ging material type(s): <i>EPE</i> weight (kg ging material type(s): <i>LDPE</i> weight (kg	j): 0.0345 j): 0.0345			
P13.2*	Product plastic	primary packaging is free from PVC.		\mathbf{X}		
P13.3*	consumer reco	mary corrugated fiberboard packaging, specify vered fiber content: 80 %				
P13.4*	Specify media Electronic 🔀,	for user and product documentation (tick box): Paper 🔀, Other 🗌				
P13.5		omplete this item if paper documentation used uct documentation on paper media is chlorine- specify:				
	Totally chlorine					
	Elemental chlo Processed chlo					
	FIOCESSED CHIC					
P14	Voluntary pro	grams				
P14.1		eets the requirements of the following voluntar	y program(s):			
	ENERGY STA Eco-label: EPE		Date: 2023/01/05 Product category: 2 Date: 2023/03/29 Product category: Notebo	ok		
	Eco-label: TCC	Criteria version: 9.0	Date: 2023/04/20 Product category: Notebo	ok		
	Additional info					
P15 P9		ormation (See NOTE B10) mption of computer products; description				_

NOTE B9 A Guidance document on Acoustic Noise is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

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 Lot26 Information Sheet - Network Equipment -

As required by_

- Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off-mode electric power consumption of electrical and electronic household equipment (ErP Lot 6)
- Commission Regulation (EU) No 801/2013 of 22 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for (ErP Lot 26).

Products scope of this sheet:

Notebook/Tablet Computer < 6 W Idle

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

Commercial name	Lenovo 13w Yoga Gen 2	Logo
Model Number	82YS,82YR	
Product Type	Notebook Computer with Idle Power < 6 W	Lenovo
Issue Date	2023-03-13	
Additional information		

P7.1.1 Product environmental attributes

year of manufacture:	2023
Network Standby Classification	LoNA Equipment
Off Mode Power (Watts)	0.48 Watts
Standby Mode	Watts Mode Not Applicable
	minutes Default Delay Time
Description of how to enable Network Standby Mode	Network Standby Mode is enabled at Shipment
Description of how to manually enter Network Standby Mode	1) Press the Power Button once
	2) Click on the Power Button and choose Sleep
Default Delay time to Network Standby Mode	10 minutes
Reactivation Function from Network Standby Mode	Open Notebook, Press Keyboard or power button, activate USB

	Network Port	Wired Ethernet	Wireless Ethernet	USB-A	USB-C	HDMI	BlueTooth	Other: Nano- SIM-card tray				
	Present in Product											
	Activated at Shipment											
	Active in Network Standby Mode											
	Location of Network Port	N/A	N/A	Right	Left	Left	N/A	N/A				
	Network Port Maximum Performance	GB/s	0.15 GB/s	GB/s	GB/s	GB/s	GB/s	GB/s				
	Network Protocol		Wi-Fi 6; 802.11ax	USB 3.2 Gen 1	USB 3.2 Gen 1		BT5.2					
	Network Standby	Watts	0.80Watts	Watts	Watts	Watts	Watts	Watts				
	Mode Power Image: Comparison of the standard											
	Power – All	All 0.80Watts										
		Active										
	Connections											
4)	Additional Informat	onnecting to an		ng from wirele	ess networks is inc	cluded in the	User Manual					
•)	Additional Informat Instructions on co Test parameters fo	onnecting to an		ng from wirel			User Manual					
-)	Additional Informat Instructions on co Test parameters for ambient temper	onnecting to an or measurements rature,	3,	ng from wirele	ess networks is inc 24.8 degree Celsi 230 V / 50 Hz		User Manual					
4)	Additional Informat Instructions on co Test parameters fo	onnecting to an or measurements rature, and frequency	s, in Hz,		24.8 degree Celsi		User Manual					
4)	Additional Informat Instructions on co Test parameters for ambient temper test voltage in V total harmonic co information and set-up and circu	onnecting to an or measurements rature, and frequency distortion of the documentation its used for elec	in Hz, electricity sup n on the instrur ctrical testing	ply system,	24.8 degree Celsi 230 V / 50 Hz	us						
	Additional Information Additional Information Additional Information and Additional Information and Additional Information and Additional Information and	onnecting to an or measurements rature, and frequency distortion of the documentation its used for elec	in Hz, electricity sup n on the instrur ctrical testing	ply system,	24.8 degree Celsi 230 V / 50 Hz <2%	us						
	Additional Information Instructions on contract Test parameters for ambient temper test voltage in V total harmonic contract information and set-up and circu	onnecting to an or measurements rature, and frequency distortion of the documentation its used for elec	in Hz, electricity sup n on the instrur ctrical testing applicable)*: Output	ply system,	24.8 degree Celsi 230 V / 50 Hz <2%	us KOGAWA-Wī	7310 Pad No I	Load				
	Additional Information Instructions on contract Test parameters for ambient temper test voltage in V total harmonic contract information and set-up and circu External power sup Model Delta	onnecting to an or measurements rature, and frequency distortion of the documentation its used for elect oply efficiency (if Output Voltage 20 V	in Hz, electricity sup n on the instrur ctrical testing applicable)*: Output Current 3.25 A	ply system, mentation, Output Power 65 W	24.8 degree Celsi 230 ∨ / 50 Hz <2% Power Meter: YO Average Active Efficiency 90%	us KOGAWA-WT 10% Lo Efficier 89%	r310 rad No I rcy Po 0.0	wer 6 W				
	Additional Information Instructions on contract Test parameters for ambient temper test voltage in V total harmonic contract information and set-up and circu External power sup Model Delta Chicony	onnecting to an or measurements rature, and frequency distortion of the documentation its used for elect oply efficiency (if Output Voltage 20 V 20 V	in Hz, electricity support on on the instruction the instruction capplicable)*: Output Current 3.25 A 3.25 A	ply system, mentation, Output Power 65 W 65 W	24.8 degree Celsi 230 ∨ / 50 Hz <2% Power Meter: YO Average Active Efficiency 90% 90%	us KOGAWA-Wi 10% Lo Efficier 89% 89%	r310 rad No I rcy Po 0.0 0.0	wer 6 W 7 W				
	Additional Information Instructions on contract Test parameters for ambient temper test voltage in V total harmonic contract information and set-up and circu External power sup Model Delta	onnecting to an or measurements rature, and frequency distortion of the documentation its used for elect oply efficiency (if Output Voltage 20 V	in Hz, electricity sup n on the instrur ctrical testing applicable)*: Output Current 3.25 A	ply system, mentation, Output Power 65 W	24.8 degree Celsi 230 ∨ / 50 Hz <2% Power Meter: YO Average Active Efficiency 90%	us KOGAWA-WT 10% Lo Efficier 89%	r310 rad No I rcy Po 0.0 0.07	wer 6 W				
4) 3)	Additional Information Instructions on contract Test parameters for ambient temper test voltage in V total harmonic contract information and set-up and circu External power sup Model Delta Chicony Liteon	onnecting to an or measurements rature, rand frequency distortion of the documentation its used for elect oply efficiency (if Output Voltage 20 V 20 V 20 V 20 V	in Hz, electricity support on on the instruc- ctrical testing applicable)*: Output Current 3.25 A 3.25 A 3.25 A	ply system, mentation, Output Power 65 W 65 W 65 W	24.8 degree Celsi 230 V / 50 Hz <2% Power Meter: YO Average Active Efficiency 90% 90%	us KOGAWA-W1 10% Lo Efficier 89% 89% 89%	r310 rad No I rcy Po 0.0 0.07	wer 6 W 7 W 71 W				
	Additional Information Instructions on contract Test parameters for ambient temper test voltage in V total harmonic of information and set-up and circu External power sup Model Delta Chicony Liteon Acbel	onnecting to an or measurements rature, rand frequency distortion of the documentation its used for elector oply efficiency (if Output Voltage 20 V 20 V 20 V	in Hz, electricity support on on the instruc- trical testing applicable)*: Output Current 3.25 A 3.25 A 3.25 A 3.25 A	ply system, mentation, 65 W 65 W 65 W 65 W	24.8 degree Celsi 230 ∨ / 50 Hz <2%	us KOGAWA-WT 10% Lo Efficier 89% 89% 89% 81%	F310 Pad No I Icy Po 0.0 0.07 0.0	wer 6 W 7 W 71 W				