

Product environmental attributes - THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).

Additional information regarding each item may be found under P14.

Brand *	Lenovo	Logo
Company name *	Lenovo	
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Internet site *	http://www.lenovo.com/social_responsibility/us/en/environmen	t.html
Additional information	The latest version of this document can be found at http://www.lenovo.com/social_responsibility/us/en/datasheets	notebooks.html

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 *	Notebook PC				
Commercial name *	Lenovo N22-20 Touch Chromebook				
Model number *	80VH				
Issue date *	2016-04-18				
Intended market *	☑ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other				
Additional information					

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

Quality	Control	Requireme	nt met
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	\boxtimes	
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔲	

Model number *	80VH		
Issue date *	2016-04-18	Logo	lenovo.

Product	Product environmental attributes - Legal requirements					
Item		Yes	No	n.a.		
P1	Hazardous substances and preparations					
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)					
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: Chlorofluorocarbons (CFC),	\boxtimes				
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, 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).	\boxtimes				
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).	\boxtimes				
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.					
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)					
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as			\boxtimes		
	pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.					
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm²/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.					
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):			$\overline{}$		
1 1.10	http://www.lenovo.com/social_responsibility/us/en/materials.html		ш			
P2	Batteries					
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)					
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)	\boxtimes				
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference)					
P3	Safety, EMC connection to the telephone network and labeling					
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	\boxtimes				
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	\boxtimes				
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).	\boxtimes				
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\square				
P4	Consumable materials					
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).					
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).			\square		
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).					
P5	Product packaging					
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.					
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	\boxtimes				
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.					

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

Model number *	80VH		
Issue date *	2016-04-18	Logo	lenovo.

Product	environmental attributes - Market requirements - 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.
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	\boxtimes		
P7	Design			
D7.4*	Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable		Ц.	<u>Ц</u>
P7.2*	Plastic materials in covers/housing have no surface coating.		\boxtimes	
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	\boxtimes		
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	\boxtimes		
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).	$\overline{\boxtimes}$	T	
	Product lifetime	_		
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	\boxtimes		
P7.8*	Upgrading can be done using commonly available tools	$\overline{\boxtimes}$	\blacksquare	
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	-		ī
	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: <i>PC+ABS-FR(40)</i> Material type: Material type:			
P7.12	Electrical cable insulation materials of power cables are PVC free.		\boxtimes	
P7.13	Electrical cable insulation materials of signal cables are PVC free		\boxtimes	
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.			
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See	_	$\overline{\boxtimes}$	Ħ
	Note B2)			
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:	\boxtimes		
D7.47	Marking: FR(40)			
P7.17	Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components):			
	TBBPA (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:	Ш		Ш
	Tibbli A (additive) , Tibbli A (reactive) , Other, chemical manie. , OAO #.			
	Alt. 2			
	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according			
	ISO 1043-4: Brominated Epoxy Resin See P14			
P7.18	Alt. 1			
	Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:		Ш	
	Comment: No legal limits exist, this is a market requirement.			
	1. Chemical name: , CAS #:			
	2. Chemical name: , CAS #:			
	3. Chemical name: , CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:			
P7.19	FR(40) Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,		井	-
F1.18	R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)		Ш	Ш
P7.20	Of total plastic parts' weight >25g, recycled material content is 0 %.			
P7.21	Of total plastic parts' weight >25g, biobased material content is 0 %.			
P7.22	Light sources are free from mercury	\square	\Box	
	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg			
P8	Batteries			
P8.1*	Battery chemical composition: Lithium Ion/Lithium Manganese Dioxide			Щ.
P8.2	Batteries meet the requirements of the following voluntary program/s: US RBRC			

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

Model number *	80VH		
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						irement m		
P9 Energy cor	scumption						Yes No	o n.a.
0,		wing power levels or	energy consumpt	ions are reporte	ed: See	e <i>P14</i>		
Energy mode *			Power level at 115 V AC			rence / Standard for energy m	odes and tes	st 🔲
Peak (On-max)		45 W	45 W	45 W		I load		
Category I1								
Short Idle State - WOL	Enabled	3.288 W	3.360 W	3.984 W	Use	for ENERGY STAR V6 regist	ration (P _{idle})	
Long Idle State - WOL	Enabled	1.056 W	1.032 W	1.128 W		for ENERGY STAR V6 regist		
Sleep (S3) - WOL Enal		0.312 W	0.324 W	0.360 W	Use	for ENERGY STAR V6 regist	ration(P _{sleep})	
Sleep (S3) - WOL Disa	bled	0.312 W	0.324 W	0.360 W	Refe	erence		
Off (S5) - WOL Enable	d	0.204 W	0.216 W	0.252 W	Use	for ENERGY STAR V6 regist	ration(P _{off})	
Off (S5) - WOL Disable	ed	0.204 W	0.216 W	0.252 W	Use	Use for EuP		
Category D 1/2		1	I	I	1			
Short Idle State - WOL	Enabled	W	W	W	Use	for ENERGY STAR V6 regist	ration (P _{idle})	
Long Idle State - WOL	Enabled	W	W	W	Use	for ENERGY STAR V6 regist	ration (P _{idle})	
Sleep (S3) - WOL Enal	oled	W	W	W	Use	for ENERGY STAR V6 regist	ration (P _{sleep})	
Sleep (S3) - WOL Disa	bled	W	W	W	Refe	erence		
Off (S5) - WOL Enable	d	W	W	W	Use	for ENERGY STAR V6 regist	ration(P _{off})	
Off (S5) - WOL Disable	ed	W	W	W	Use	for EuP		
EPS No-load	, ,	0.045 W	0.078 W	0.080 W				
(External power supply plugged in the wall outle	et but							
disconnected from the p	product.)							
PTEC *		W	W	W				
Typical Energy Consumption								
TEC *		kWh/week						\vdash
Typical Energy Consum	ption		kWh/week	kWh/week				
ETEC *		10.97 kWh/year	11.20	13.11		= (8760/1000) x (P _{off} x 0.25 +	P _{sleep} x 0.35	
Annual Energy Consum	ption		kWh/year	kWh/year	+ P _{sl}	hort idle x 0.3+ Plong idle x 0.1)		
		P _{off} : Off Mode(S5) -	 WOL Enabled; P _{slee}	 _p : Sleep Mode(S3)) - WOL	L Enabled; P _{idle} : Idle State - WOL	. Enabled	
Display resolution* : 10	600*900 Meg	apixels						
Print Speed * :	Images	per minute						
Default time to enter en	ergy save m	ode: 25 minutes						
P9.2* Information	about the en	nergy save function is	s provided with the	e product.				
		energy requirements on: Version 6.1 Tie		oluntary program category: <mark>A</mark>	/s:] [
Others spec	cify:							
P10 Emissions Noise emis	sion – Decla	ared according to IS	O 9296					
P10.1 Mode		description		Declared		Declared A-weighte		
				A-weighted sound power		sound pressure level L_{ph}	_{Am} (dB)	
				level L_{WAd}		Operator position Bysta	nder position	s
						Desktop Or Desk side (only if	product is no	ot L
Idle	* HD	D:Idle		* NA		oper NA	ator attended	1)
Operation		D: Operating		* NA		NA NA		ᅱ붜ㅣ
Other mode								_
Measured a	ccording to:	_	MA-74					
P10.2 The produc	t meets the s						m)	
1 10.2 The produc	.2 The product meets the acoustic noise requirements of the following voluntary program/s:							

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Issue date *	2016-04-18	Logo	lenovo.

	duct environmental attributes - Market requirements (continued) Requ				Requirement me	
Item					Yes No	n.a.
P9 Energy consumption9.1 For the product the follo	wing nower levels or	energy consump	tions are reporte	d: See P14		
Energy mode *	Power level at				andard for energy modes and test	
Lifergy mode	100 V AC	115 V AC	230 V AC	method *	andara for energy modes and test	
Peak (On-max)	45 W	45 W	45 W	Full load		\boxtimes
Category I2						
Short Idle State - WOL Enabled	4.260 W	4.284 W	4.308 W	Use for ENER	GY STAR V6 registration (P _{idle})	\boxtimes
Long Idle State - WOL Enabled	1.668 W	1.680 W	1.728 W	Use for ENER	GY STAR V6 registration (P _{idle})	
Sleep (S3) - WOL Enabled	0.312 W	0.324 W	0.360 W	Use for ENER	GY STAR V6 registration(P _{sleep})	
Sleep (S3) - WOL Disabled	0.312 W	0.324 W	0.360 W	Reference		
Off (S5) - WOL Enabled	0.204 W	0.204 W	0.252 W	Use for ENER	GY STAR V6 registration(P _{off})	
Off (S5) - WOL Disabled	0.204 W	0.204 W	0.252 W	Use for EuP		
Category D 1/2						
Short Idle State - WOL Enabled	W	W	W	Use for ENER	GY STAR V6 registration (P _{idle})	
Long Idle State - WOL Enabled	W	W	W	Use for ENER	GY STAR V6 registration (Pidle)	
Sleep (S3) - WOL Enabled	W	W	W	Use for ENER	GY STAR V6 registration (Psleep)	
Sleep (S3) - WOL Disabled	W	W	W	Reference		
Off (S5) - WOL Enabled	W	W	W	Use for ENER	GY STAR V6 registration(P _{off})	
Off (S5) - WOL Disabled	W	W	W	Use for EuP		
EPS No-load	0.045 W	0.078 W	0.080 W			
(External power supply / charger						
plugged in the wall outlet but disconnected from the product.)						
PTEC *	W	W	W			
Typical Energy Consumption						
TEC *	kWh/week					
Typical Energy Consumption		kWh/week	kWh/week			
ETEC *	14.06 kWh/year	14.17	14.49	$E_{TEC} = (8760/10$	000) x (P _{off} x 0.25 + P _{sleep} x 0.35	
Annual Energy Consumption		kWh/year	kWh/year		3+ P _{long idle} x 0.1)	
	D - 0# M - d - (05)	WOL Franklada B	. Ol M (02	WOL Franklade	D. dalla Otata MOL Franklad	
Display resolution* : 1600*900 Meg		WOL Enabled; P _{slee}	_{op} : Sleep Mode(S3)	- WOL Enabled;	P _{idle} : Idle State - WOL Enabled	\vdash
	per minute					
Default time to enter energy save m P9.2* Information about the er		a provided with the	o product			1
P9.3* The product meets the e		•	•	/e·		Ш
ENERGY STAR® version			category: A	· • ·		
Others specify:						
P10 Emissions Noise emission – Deck	ared according to IS	O 9296				
	description	0.0200	Declared		Declared A-weighted	
			A-weighted sound power	sound	d pressure level $L_{p{\rm Am}}$ (dB)	
			level $L_{W\!Ad}$	"		
			WAd '	-,	esktop 🖂	
				or Des	k side (only if product is not operator attended)	
	D:Idle		* NA		NA	
·	D: Operating		* NA		NA	\Box
Other mode	N 1807770 - 50	NA 74				-
Measured according to:		MA-74 nly if not covered t	ov FCMA-74 with	I measurem	ent distance m)	
P10.2 The product meets the a					111)	

Product e Item P10.3*		2016-04-18	Logo	leno	VO.	
Item	nvironm					
		nental attributes - Market requirements (continued)		Require	ment	met
P10.3*		·		Yes	No	n.a.
P10.3*	Chemica	ll emissions from printing products				
	Test perf	ormed according to ECMA-328 (ISO/IEC 28360) standard, other specify:				\boxtimes
P10.4	Typical e	mission rate (print phase) is (mg/h):				
		Oust Ozone Styrene Benzene TVOC				
P10.5	D		TVOC 🗌			
		nagnetic emissions				
P10.6	program/	r display meets the requirement for low frequency electromagnetic fields of the follos: MPR-II	owing voluntary		Ш	Ш
P11	Consum	able materials for printing products				
P11.1*	•	Data Sheet (SDS) is available for the ink/toner preparation, even if not legally requ			Щ	
P11.2*	EN12281		e requirements	of		
P11.3*	2-sided (duplex) printing/copying is an integrated product function.				\boxtimes
P12		nics for computing products				
P12.1*	The displ	ay meets the ergonomic requirements of ISO 9241-307 for visual display technolog	gies.			
P12.2*	The phys	ical input device meets the requirements of ISO 9995 and ISO 9241-410.		\boxtimes		
P13		ng and documentation				
P13.1*	Product p	packaging material type(s): Corrugated Carton weight (kg): 0.255 packaging material type(s): Polyethylene Cushions weight (kg): 0.038 packaging material type(s): Others weight (kg): 0.123				
P13.2*	Product p	plastic packaging is free from PVC.		\boxtimes		
P13.3*		nedia for user and product documentation (tick box):				
P13.4*	For pape fiber: 0%	r user and product documentation, please specify contained percentage of post-co 6	nsumer recycled			
P14		al information (See Note B4)				
	information knowledge	upplier makes no representations, guarantees, assurances or warranties whether on contained in this document. All information provided by supplier in this documenge available at the time of completion, and supplier shall have no obligation to updathere is approximate and provided for informational purposes only. See a Lenovo Applied.	it is provided bas ite such informat	sed on suppi ion. The in	olier's format	ion
P9	See Ene http://wv	rgy Star Qualified Notebooks & Tablet Computers for the latest information: vw.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup	o&pgw_code=C	0		

Note B4: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

Legal references Europe Annex B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19

Lenovo ErP Lot3 Information Sheet

- PC / Notebook -

As required by COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers (ErP Lot3).

Products scope of this sheet:

Desktop computer, integrated desktop computer, and notebook computer

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

Commercial name	Lenovo N22-20 Touch Chromebook	Logo
Model Number	80VH	_
Issue Date	2016-04-18	lenovo.
Additional information		

P7.1.1	Product environmental attributes	
(d)	year of manufacture:	2014
(e)	E TEC value (kWh) per ErP Lot 3 Category and capability adjustments applied when all discrete graphics cards (dGfx) are disabled and if the system is tested with switchable graphics mode with UMA driving the display:	
	Category (according to ErP Lot 3): A Etec: 4.33	
(f)	E TEC value (kWh) per ErP Lot 3 Category and capability adjustments applied when all discrete graphics cards (dGfx) are enabled:	
	Category (according to ErP Lot 3): Etec:	
(g)	idle state power demand (Watts);	1.02
(h)	sleep mode power demand (Watts);	NA
(i)	sleep mode with WOL enabled power demand (Watts) (where enabled);	0.38
(j)	off mode power demand (Watts);	NA
(k)	off mode with WOL enabled power demand (Watts) (where enabled);	0.25
(I)	internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power (if applicable):	
	10% 20% 50% 100% Average	
(m)	external power supply efficiency (if applicable):	
	Average 45W:87.58%;88.35%; *internal note: show values for all available external power supplies	
(o)	the minimum number of loading cycles that the batteries can withstand (applies only to notebook computers):	300 cycles
(p-1)	the measurement methodology used to determine information mentioned in points (I) – internal PSU efficiency:	
	NA NA	
(p-2)	the measurement methodology used to determine information mentioned in points (m) – external PSU efficiency:	
	Energy-star requirement	
(p-3)	the measurement methodology used to determine information mentioned in points (o) – loadingcycles batteries:	
	IEC 61960 measurement methodology	

(p-4) the measurement methodology used to determine information mentioned in maximum, idle, sleep, off mode power as defined in Point P9.1 in the Product IT Eco Declaration:			
IEC 62623 / IEC EN50564:2011 measurement methodology			
(q) sequence of steps for achieving a stable condition with respect to power demand::			
EC 62623 / IEC EN50564:2011 measurement methodology			
(r) description of how sleep and/or off mode was selected or programmed:			
Based on user manual			
(s) sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:			
Based on user manual			
(t) the duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes):			
the length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes):			
(v) the length of time before the display sleep mode is set to activate after user inactivity (in minutes):			
(w) information on the energy-saving potential of power management functionality:			
Based on user manual			
(x) user information on how to enable the power management functionality:			
Based on user manual			
(z) test parameters for measurements: — test voltage in V and frequency in Hz, — total harmonic distortion of the electricity supply system, — information and documentation on the instrumentation, set-up and circuits used for electrical testing:			
230V/50Hz, Total Harmonic Distortion <2 %			
Addition Notebook Battery Information:			
Yes No n/a This notebook computer is operated by battery/ies that cannot be accessed a replaced by a non-professional user.	nd		
	The battery[ies] in this product cannot be easily replaced by users themselves		
users themselves			
Additional information			