

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 *	Hewlett-Packard	Logo
Company name *	Hewlett-Packard Company	
Contact information *	Hans Wendschlag http://www.hp.com/hpinfo/globalcitizenship/environment/contactem ail.html	
Internet site *	http://www.hp.com/hpinfo/globalcitizenship/environment/	
Additional information		

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 *	Type of product * Display				
Commercial name *	ial name * HP Pavilion 20xi 20-Inch IPS LED Backlit Monitor				
Model number *	20xi				
Issue date *	2/3/2013				
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	Quality Control		
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 contro such as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔀	

Model number *	20xi		
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Product	environmental attributes - Legal requirements	Require	ment	met
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.	\boxtimes		
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\square		
	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).	\square		
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).	\square		
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)	\square		
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference).			\square
P1.9*	Comment: Legal reference has no maximum concentration values. Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5			
P1.9"	microgram/cm ² /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):	\square		
	http://www.hp.com/hpinfo/globalcitizenship/environment/productdata/reachdesktop-pcs.html			
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).			
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).			
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\boxtimes		
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).			\boxtimes
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).			\boxtimes
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).	\bowtie		
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 %.

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Product		mental attributes - Market requirements - Environmental conscious of	design	Rec	quire	ment	met
Item		atory to fill in. Additional information regarding each item may be found under P14.			Yes	No	n.a.
P6.1*		nt information on for recyclers/treatment facilities is available (see legal reference).					
P7	Design Disasse	mbly, recycling					
P7.1*	Parts that	at have to be treated separately are easily separable			\boxtimes		
P7.2*	Plastic m	naterials in covers/housing have no surface coating.			$\overline{\Box}$		
P7.3*	Plastic p	arts >100g consist of one material or of easily separable materials.					
P7.4*	Plastic p	arts >25g have material codes according to ISO 11469 referring ISO 1043.				Ē	
P7.5		arts are free from metal inlays or have inlays that can be removed with commonly a	available to	ols.		Ħ	Ħ
P7.6*		re easily separable. (This requirement does not apply to safety/regulatory labels).				H	⊢⊢
	Product						
P7.7*		ng can be done e.g. with processor, memory, cards or drives					
P7.8*		g can be done using commonly available tools			Ħ	H	
P7.9.		arts are available after end of production for: 3 years					
P7.10		s available after end of production for: years					
		and substance requirements					
P7.11*		cover/housing material type:					
	Material	type: ABS Material type: Materia	al type:				
P7.12	Electrica	I cable insulation materials of power cables are PVC free.				\boxtimes	
P7.13	Electrica	I cable insulation materials of signal cables are PVC free				\boxtimes	
P7.14	All cover	/housing plastic parts >25g are free from chlorine and bromine.			\boxtimes		
P7.15	All printe (See Not	ed circuit boards (without components) >25g are halogen free. as defined in te B2)	IEC61249	9-2-21.			
P7.16	Flame re	tarded plastic parts >25g in covers / housings are marked according ISO 1043-4:					\boxtimes
D7 47	Marking:						
P7.17		additive) , TBBPA (reactive), other; chemical name: , CAS #:	ents):				
	ISO 1043	Il specifications of flame retardants in printed circuit boards (without components) > 3-4:	25g accord	ding			
P7.18	concentr	etarded plastic parts >25g contain the following flame retardant substances ations above 0.1%:	s/preparati	ons in			
	1. Chem 2. Chem 3. Chem Alt. 2	ent: No legal limits exist, this is a market requirement. ical name: , CAS #: ical name: , CAS #: ical name: , CAS #:					
	Chemica	Il specifications of flame retardants in plastic parts >25g according ISO 1043-4:					\bowtie
P7.19		arts >25g are free from flame retardant substances/ preparations above 0.1% class 6, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)	sified as R4	45,			
P7.20	Of total p	lastic parts' weight >25g, recycled material content is 0%.					
P7.21		plastic parts' weight >25g, biobased material content is 0%.					
P7.22	-	Irces are free from mercury			\boxtimes		
Do		ry is used specify: Number of lamps: and max. mercury content per lamp:	mg				
P8.1*	Batterie						
P8.2		hemical composition:					
F0.2	Batteries	meet the requirements of the following voluntary program/s:					\square

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.

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Product of	Product environmental attributes - Market requirements (continued) Requirement met						
Item					Yes No n.a.		
P9	P9 Energy consumption						
9.1	9.1 For the product the following power levels or energy consumptions are reported:						
Energy mo	de *	Power level at 100 V AC	Power level at 115 V AC	Power level 230 V AC	at Reference / Standard for energy modes and test method *		
ENERGY S (System Id	STAR® On Mode * le)	16.78 W	16.70 W	16.62 W	ENERGY STAR [®] Program Requirements for Computer Monitors: Ver. 5.0		
ENERGY S Sleep Mod	STAR® Low Power e *	0.48 W	0.48 W	0.49 W	ENERGY STAR [®] Program Requirements for Computer Monitors: Ver. 5.0		
Apparent C		0.37 W	0.37 W	0.39 W	ENERGY STAR [®] Program Requirements for Computer Monitors: Ver. 5.0		
Display res	solution* : 1600*900	9 Megapixels			ENERGY STAR [®] Program Requirements for Computer Monitors: Ver. 5.0		
Default tim	e to enter energy sa	ve mode: minu	utes		ENERGY STAR [®] Program Requirements for Computers: Ver. 5.0		
P9.2*		he energy save functio		•			
P9.3*		the energy requirement version: 5.1 Tier: 1 Pro			s:		
P10	Emissions						
	Noise emission -	Declared according to	ISO 9296				
P10.1	Mode N	Mode description		Declared A-weighted	Declared A-weighted sound pressure level L_{pAm} (dB)		
				sound power			
				level L _{WAd} (B)			
					Desktop (only if product is not or Desk side operator attended)		
	Idle		•	*			
	Operation			*			
	Other mode						
	Measured accordin		ECMA-74				
D10.0	<u> </u>	Other		2	h L _{pAm} measurement distance m)		
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s:						

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Product	environmental attributes - Market requirements (continued)	Require	ment	me
Item		Yes	No	n.a
	Chemical emissions from printing products			
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard 🗌, other specify:			\geq
P10.4	Typical emission rate (print phase) is (mg/h):			X
	Dust Ozone Styrene Benzene TVOC			
P10.5	Chemical emission requirements of the following voluntary program/s are met for :			\mathbf{X}
	Dust Ozone Styrene Benzene TVOC			
	Electromagnetic emissions			
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary			
	program/s:			
P11	Consumable materials for printing products			
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).			\geq
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements or EN12281.	of 🗌		\ge
P11.3*	2-sided (duplex) printing/copying is an integrated product function.			X
P12	Ergonomics for computing products			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.			
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): PAPER/Corrugated weight (kg): 0.756 Product packaging material type(s): PLASTIC/EPS (Expanded Polystyrene) weight (kg): 0.098 Product packaging material type(s): PLASTIC/Polyethylene high density weight (kg): 0.0209 Product packaging material type(s): PLASTIC/Polyester weight (kg): 0.0075			
P13.2*	Product plastic packaging is free from PVC.	\square		
P13.3*	Specify media for user and product documentation (tick box):			
P13.4*	Electronic , Paper , Other For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0%			
Rev. P13.5	User and product documentation do not contain chlorine bleached paper	\boxtimes		
P14	Additional information (See Note B4)			
All sections	 Product environmental information contained in this declaration is valid as of the date the declaration is pul external standards referenced in the IT Eco-Declaration may invalidate some information contained in this de 			

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