

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 *	HP	Logo
Company name *	HP	
Contact information *	HP Environmental Contact Centre (ECC) environment@hp.com	<i>ap</i>
Internet site *	http://www.hp.com/hpinfo/globalcitizenship/environment/	
Additional information		

The company declares (kg	pased on product specification or test results based obtained from sample testing), that the product
conforms to the statemen	ts given in this declaration.
Type of product *	Desktop
Commercial name *	HP Pavilion 24 All-in-One PC (Touch)
Model number *	Pavilion 24
Issue date *	05/03/2016
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		
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 *	Pavilion 24		
Issue date *	05/03/2016	Logo	hp

Product	environmental attributes - Legal requirements	equire	men	t 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),	\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),	\boxtimes		
	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	\square		
	aromatic amines. (See legal reference and Note B1)		ш	ш
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).			
P1.9*	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).		Ш	
	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):	\boxtimes		
	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	\boxtimes		
	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	\square		
	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			
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).			
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	\overline{X}	∺	\dashv
	with legally required standards for radio and telecommunication devices (see legal reference).			<u> </u>
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).			
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).		<u>Ц</u>	
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).	X		
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 *	Pavilion 24		
Issue date *	05/03/2016	Logo	pp

Product	environmental attributes - Market requirements - Environmental conscious design R	equire	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 Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable	\boxtimes		
P7.2*	Plastic materials in covers/housing have no surface coating.		\square	
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	$\overline{\boxtimes}$	$\overline{\Box}$	$\overline{\Box}$
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.			$\overline{\Box}$
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		Ħ	Ħ
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		ī	Ħ
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives			П
P7.8*	Upgrading can be done using commonly available tools	$\overline{\boxtimes}$	$\overline{\Box}$	$\overline{\Box}$
P7.9.	Spare parts are available after end of production for: 3 years			Ħ
P7.10	Service is available after end of production for: years			
	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: POM 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	Ħ	$\overline{\mathbb{X}}$	Ħ
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.			Ħ
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See		\dashv	H
	Note B2)			ш
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:			\boxtimes
_	Marking:			
P7.17	Alt. 1 Chamical appointance of flame retardants in printed circuit boards > 25g (without components):			
	Chemical specifications of flame retardants in printed circuit boards >25g (without components): TBBPA (additive), TBBPA (reactive), Other; chemical name: , CAS #:	ш		ш
	TBBFA (additive) , TBBFA (leactive) , Other, Chemical Hame. , CAS #.			
	Alt. 2			
	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according	\boxtimes		
	ISO 1043-4: FR(40), ISO 1043-4 (FR(40) for DOPO)			
P7.18	Alt. 1			
	Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:	Ш	Ш	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:			
	Chemical specifications of fiame retardants in plastic parts >239 according 100 1045-4.			\boxtimes
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,		Ī	
	R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)			
P7.20	Of total plastic parts' weight >25g, recycled material content is 1.8%.			
P7.21	Of total plastic parts' weight >25g, biobased material content is 0%.			
P7.22	Light sources are free from mercury	\boxtimes		
DO	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg			
P8 P8.1*	Batteries Battery chemical composition: <i>lithium/manganese dioxide</i>			
P8.2	Batteries meet the requirements of the following voluntary program/s:			\triangle

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.

	Pavilion 24		
Issue date *	05/03/2016	Logo	

Product en	vironmental at	tributes - Market red	quirements (con	tinued)	Requirement r	met
Item					Yes No	n.a.
	Energy consump					
9.1 F	For the product the	following power levels	or energy consump	tions are reported:		
Energy mode	e *	Power level at 100 V AC	Power level at 115 V AC	Power level a	at Reference / Standard for energy modes and test method *	
ENERGY ST (System Sho	AR® On Mode * ort Idle)	34.57 W	35.19 W	34.33 W	ENERGY STAR® Program Requirements for Computers: Ver. 6.1	
ENERGY ST (System Long	AR® On Mode * g Idle)	15.06 W	15.00 W	15.31 W	ENERGY STAR® Program Requirements for Computers: Ver. 6.1	
Sleep Mode*	AR® Low Power (S3 - Windows Vith Wake On LAN led	0.96 W	0.96 W	1.02 W	ENERGY STAR® Program Requirements for Computers: Ver. 6.1	
(ACPI S5) W LAN(WOL) E Unit connecte	Enabled* (Test ed to AC Mains, connected to All-	0.43 W	0.44 W	0.49 W	ENERGY STAR® Program Requirements for Computers: Ver. 6.1	
ETEC * Annual Energ	gy Consumption alue) for each	127.91 kWh/year	129.79 kWh/year	127.77 kWh/year	ENERGY STAR® Program Requirements for Computers: Ver. 6.1	
Display resol	lution*: 1920*1080	Megapixels (Applies	only to Integrated F	PCs (All-In-One PC)	ENERGY STAR® Program Requirements for Displays (Ver. 6.1)	
Print Speed	* : I	mages per minute				X
Default time	to enter energy sa	ve mode: minu	tes		ENERGY STAR® Program Requirements for Computers: Ver. 6.1	
P9.2* I	nformation about	he energy save function	n is provided with th	e product.		
	The product meets ENERGY STAR®	the energy requirement version: 6.1 Tier:	ts of the following v Product categor			
	Others specify: Emissions					X
		Declared according to	ISO 9296			
		Mode description		Declared A-weighted sound power	Declared A-weighted sound pressure level $L_{p{\sf Am}}$ (dB)	
				level L_{WAd} (B) Op	Desktop Ocean Comparison Ocean Desktop Ocean Comparison Ocean Ocea	
					or Desk side (only if product is not operator attended)	
		Fans on, HDD spinning	,	* 3.3	28	
	Operation *	Fans on, HDD spinning	9	* 3.4	28	
(Other mode					
N	Measured according	ng to: 🔀 ISO7779 🔀 I	ECMA-74	•		_
		Other	(only if not covere	d by ECMA-74 with	L _{pAm} measurement distance m)	
P10.2	The product meets	the acoustic noise requ	uirements of the foll	owing voluntary pro	gram/s:	\mathbb{X}

Model number *	Pavilion 24		
Issue date *	05/03/2016	Logo	hp

Product 6	environmental attributes - Market requirements (continued)	Require	ment	met
Item		Yes	No	n.a.
	Chemical emissions from printing products			
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify:			\boxtimes
P10.4	Typical emission rate (print phase) is (mg/h):			
	Dust Ozone Styrene Benzene TVOC			
P10.5	Chemical emission requirements of the following voluntary program/s are met for :		$\overline{}$	
1 10.5	Dust Ozone Styrene Benzene TVOC		Ш	
	Electromagnetic emissions			
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary			
F 10.0			Ш	Ш
P11	program/s: 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).			
			<u> </u>	
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.	of	Ш	
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.		X	П
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	Ħ		
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): PAPER/Corrugated weight (kg): 1.7436			
1 10.1	Product packaging material type(s): PLASTIC/Polyethylene low density weight (kg): 0.0503			
	Product packaging material type(s): <i>PLASTIC/EPE-Expanded Polyethylene</i> weight (kg): <i>0.468</i>			
P13.2*	Product plastic packaging is free from PVC.	\square		
P13.3*	Specify media for user and product documentation (tick box):			Ţ
1 10.0	Electronic , Paper , Other			Ш
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled			
	fiber: 95%			
Rev.	User and product documentation do not contain chlorine bleached paper	\boxtimes		
P13.5				
P14	Additional information (See Note B4)			
All	1. Product environmental information contained in this declaration is valid as of the date the declaration is put			
sections P9	external standards referenced in the IT Eco-Declaration may invalidate some information contained in this de			
F9	1. Many PCs are offered in multiple configurations within the model family. Energy efficiency data listed in thi ENERGY STAR® compliant configuration if offered within the model family. HP computers marked with the E			
	are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specification			
	more information about HP's ENERGY STAR® qualified products, go to hp.com: http://www.hp.com/ and			
	market segments and product categories to find PC configurations that meet the ENERGY STAR® specificat	ions.		
	2. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data li configured model.	sted is for	a typ	cally
	3. Energy Efficiency information published on the ECMA 370 The Eco Declaration represents a typically cor	nfigured pr	oduct	hase
	model meeting ENERGY STAR® specifications if offered within the model family. If optional components of			
	like extra hard disks or graphic cards etc, these can change the energy efficiency data listed above.			•
	4. Power consumption in the Off / Apparent Off mode is measured and reported with the network interface	controller	(NIC)	NOL
	disabled.			
	5 F			
	5. European Union Commission Regulation 1275/2008- Energy Efficiency Information:			

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.

Mode / Condition	Power Consumption in Watts at 230 VAC Input Voltage	Default Time to Mode / Condition (if applicable)
Off Mode (if applicable)		Not Applicable
Standby Mode (if applicable)	Not Applicable	Not Applicable
Network Standby / Sleep / Long Idle Mode if all wired network ports are connected and all wireless network ports are activated (if applicable)		
Network Standby / Sleep / Long Idle Mode (if applicable)		

6. European Union Commission Regulation 1275/2008- Wireless Network Instructions:

Where applicable, activate and deactivate a wireless network using the instructions provided in the product user guide or the

P10

operating system. Information is also available at www.hp.com/support.

1. Acoustic noise information published on the ECMA 370 The Eco Declaration represents a typically configured product base model only. If optional items with moving parts are added, like extra hard disks or graphic cards with fans etc, these can change acoustic noise values for which HP can take no responsibility.

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





Company environmental profile - THE ECO DECLARATION

Brand	HP	Logo	
Company name *	HP		
Contact information *	HP Environmental Contact Centre (ECC) environment@hp.com	<i>ip</i>	
Internet site *	www.hp.com/hpinfo/globalcitizenship/environment/index.html		
Issue date *	2014-06		
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.

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

Quality	control	Require	ment	met
Item		Yes		No
QC1 *	The company enforces an internal quality control system to ensure the correctness of this eco declaration			
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control.			
Compa	ny environmental profile - Legal requirements	Require	ment	met
Item		Yes	No	n.a.
C1	Product recycling			
C1.1*	The company participates in a system or has its own system for collection and recycling of end of life product in countries where the company puts them on the market and where required (see legal reference)	is 🔀		
C2	Battery recycling			
C2.1*	The company participates in a system or has its own system for collection and recycling of batteries is countries where the company puts products on the market (see legal reference) or pays eco tax / fee where required.			
C3	Packaging recycling			
C3.1*	The company participates in a system or has its own system for collection and recycling of packaging materia in countries where the company puts products on the market and where required (see legal reference)	al 🔀		
Compa	ny environmental profile - Market requirements	Require	ment	met
Item		Yes	No	n.a.
C4	Environmental policy and environmental management			
C4.1*	The company has a documented environmental policy approved by the management.	\boxtimes		
C4.2*	The company has an environmental management system covering:			
	Product development	\boxtimes		
	Manufacturing	$\overline{\boxtimes}$		
	If so certified according to: 🛛 ISO 14001 🔲 Other as specified in C6			
C4.3	The company regularly publishes an environmental report.	\boxtimes		
	If so, it meets the recommendations of The Global Reporting Initiative Other as specified in C6			
C5	Recycling			
C5.1*	Information about the product, battery & packaging take back system (C1, C2, C3) is available in printed of electronic format.	or 🔀		
C6	Additional information			
	HP is committed to responsible business practices and transparency in its global citizenship policic. We have a long history of working with suppliers to improve their social and environmental (SER) processes as improving industry standards. HP endorses the EICC Code of Conduct in its entirety, and we supplied additional requirements specific to freedom of association and HP's Student and Dispatch Worker of the Supplier Facilities in the People's Republic of China (PRC). HP also has a strong Global Human place. HP sets expectations for its suppliers to establish policies and processes regarding conflict.	erformand oplement i Guidance Rights Po minerals.	ce, as it with Stand licy in	well n <u>lard</u> n

Legal references Europe Annex A

Reference	Declaration item
2002/96/EC (WEEE directive)	C1.1
2006/66/EC (Battery and accumulators Directive)	C1.2
2004/12/EC (Directive on packaging and packaging waste)	C1.3