

Product environmental attributes - IT Eco Declaration 2004

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Manufacturer		Hewlett-Packard				
Manufacturer's	Name:		(20)			
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Internet site		http://www.hp.se/environment				
Additional information		Latest version of this document can be found	at: http://www.hp.se/itecodeclarations.			
		The company environmental profile, which is i				
		product related, can also be found at the same website. Check Item 14 for				
		explanatory information regarding specific iter	m responses.			

This declaration covers the below listed Information Technology product categories* with specified product identity (ID) such as type/model number.								
Computer system	Computer system unit CPU Mobile/portable computer Server							
Display/ monitor		Keyboard	Digital Projector Camera					
Printer C	Printer Copier Fax Multifunction product Scanner Other IT product, specify:							
☐ Black/white ☐ C	Colour Pages per i	minute:						
Product identity	Product identity HP Compaq dc5700 Small Form Factor PC							
Issue date 09/22/2006								
Guideline document (Version of Guideline document used for completion of this declaration (month, year))								

This IT Eco Declaration consists of three documents:

- Company environmental profile: Divided into two sections, legal and market requirements
- Product environmental attributes: Divided into two sections, legal and market requirements
- Guideline document with extensive clarifications, comments and references.

The latest version of all these documents can be downloaded from: www.itecodeclaration.org

Notes:

Voluntary vs compulsory requirements: Items marked V are voluntary to answer, all other items must be answered.

The latest version of the Guideline document must be used. Specify in table above according to which version of the guideline document this declaration has been completed.

This version of the IT Eco Declaration is adjusted to the document "Product-related Environmental Attributes", issued by the European Association for Standardizing Information and Communication Systems (ECMA), TR/70, version 1999.

This version of the IT Eco Declaration meets the basic principles of ISO14021:1999, Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling).

When references are given to standards like ISO, IEC and EN, the latest version should always be referred to.

For telecommunication products, use eco declaration for telecommunication products.

This IT Eco Declaration version can be used from October 1st 2003 and shall be used for products announced after December 1st 2003.

The IT Eco Declaration is a system for declaration of environmental aspects of IT and telecom products, developed by the Nordic IT organisations, IT-Företagen in Sweden, ITB in Denmark, IKT-Norge in Norway and TTK ry in Finland.

This IT Eco Declaration may only be used after having signed a contract with at least one of these organisations.









Finnish Association of Office Technology Traders

www.itforetagen.se www.ikt-norge.no www.itb.dk www.ttkry.com

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Product identity	HP Compaq dc5700 Small Form Factor PC		
Issue date	09/22/2006	Logo	(P)

Product	Requ	iremen	t met	
Item	Additional information regarding each item may be found under P14.	Yes	No	n.a.
P1	Environmental conscious design			
P1.1	Product parts are free from, i.e. less than 0.1% by weight (b.w.), CFCs & HCFCs, asbestos, PCB & PCT (3093/94/EEC, 76/769/EEC, 6th amendment, 99/77/EEC, 82/828/EEC)	▽		
P1.2	Components are free from, i.e. less than 0.1% b.w., mercury (Hg), except for small amounts of mercury which are allowed in light sources. (SE SFS 1998:944)	~		
P1.3	Cadmium (Cd) content of colorants, stabilizers, and surface treatments does not exceed, 0.01% b.w., as specified in 76/769/EEC, 10th amendment, 1991/338/EEC.	V		
P1.4	Paints are free from lead (Pb), i.e. less than 0.1% b.w., (76/769/EEC, 8th amendment, 89/677/EEC)	$\overline{\mathbf{v}}$		
P1.5	Paints, coatings, plastics, rubbers and seals are free from flame retardants and/or plasticizers containing Short Chain Chlorinated Paraffines (SCCPs) with more than 0,1% by weight, 10-13 carbon atoms, minimum 48% chlorine by weight, CAS number 63449-39-8 (NO MVD regulation 1544, 2000.12.13 and FI 416/2003).	V		
P1.6	If the product is intended for direct and prolonged skin contact, the surfaces do not release nickel (Ni) above levels specified in (76/769/EEC, 8th amendment, 94/27/EEC)			V
P2	Batteries			
P2.1	If hazardous batteries are used in the product, they are labelled. (93/86/EEC).			~
P2.2	If batteries are used in the product they are free (<0.0005% by weight) from mercury (Hg) (98/101/EC)	V		
P3	Electrical safety, EMC and connection to the telephone network	•		
P3.1	The product meets the Low Voltage Directive (LVD) regarding electrical safety (73/23/EEC & 93/68/EEC)	V		
P3.2	The product meets the EMC Directive regarding electromagnetic compatibility (89/336/EEC)	~		
P3.3	If product is intended for connection to a public telecom network or contains a radio transmitter, it meets the EU R&TTE Directive (1999/5/EC)			V
P3.4	The product is CE-marked (93/68/EEC)	<u>\</u>		
P4	Consumable materials			
P4.1	If a photo conductor (drum, belt etc.) is used in the product, it is free (<0.01% by mass) from cadmium (Cd) (76/769/EEC and 91/338/EEC)			~
P4.2	If an ink is used in the product, it is free (<0.01% by mass) from cadmium (Cd) (91/338/EEC)			>
P4.3	If toner/ink (or corresponding) are used in the product, they are classified and if required labelled in accordance with EU directives			V
P5	Packaging materials			
P5.1	The sum of the concentration levels of lead, cadmium, mercury, and hexavalent chromium present in packaging or packaging components does not exceed 0.01% by weight (100 ppm). (94/62/EC).	V		
P5.2	The product packaging material is free from CFC/HCFC.	~		
		_	_	
This proc	fuct mosts above listed legal requirements			

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Product Identity	HP Compaq dc5700 Small Form Factor PC		
Issue date	09/22/2006	Logo	(D)

Product environmental attributes - Market requirements					Requ	iremen	nt met		
Item V	= Voluntary to answer. A		nation regardi	ing each i	tem may be found und	der P14.	Yes	No	n.a.
P6	Environmental consc								
Do 4	Disassembly, recyclin						<u>~</u>	_	
P6.1	Gluing/welding of different material has been avoided.							<u>Ш</u>	
P6.2	Plastic materials in covers/housing are free from surface coating.								
P6.3	Mechanical plastic parts >100g, consist of one material or of easily separable materials.								
P6.4	Plastic parts >25g, have material codes according to ISO 11469.								
P6.5 V	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.								
P6.6	If labels are required they should be separable. (This requirement does not apply to safety labels).						~		
	Product lifetime						·		
P6.7	Upgrading of the produ	ct can be done	with common	nly availat	ole tools		~		
P6.8	Processor, memory and	d cards of vario	us types can	be chang	ed/upgraded.		~		
P6.9	Hard disk, CD/DVD driv	ves and / or flor	opy drive can	be chang	ed/upgraded.		~		
P6.10 V	Spare parts are availab	le after end of	production fo	r:		year	S		
	Material requirements	3					•		
P6.11	Plastic parts >25g are f	ree from PBB/F	PBDE, i.e less	s than 0.1	% b.w.		~		
P6.12 V	Plastic parts >25g are f R45/46, R50/51/52/53			ostances/p	preparations above 0.	1% classified as			
P6.13	Chemical specification		ants in plastic	parts >2	g according to ISO 1	043-4 declared belov	w:		
	Product cover/ housing								~
	Printed circuit boards:	TBBP-A FR(1	6)				~		
V	Other plastic parts:								
P6.14	Product cover/housing Material type ABS	material type, s	specified acco			Material type			_
P6.15	,	on material enc			,		Other		
P6.16 V									V
	If mercury is used spec	ify: Number of	lamps 1 & ma	ax. mercui					
P6.17 V	Mechanical plastic part						~		
P6.18 V	Product parts are free f	rom beryllium (Be) and bery	llium oxid	e (BeO), i.e. less than	0.1% b.w.	✓		
P7	Batteries								
P7.1	Product is free from bat						~		
P7.2 V	Batteries are used that	meet the Europ	pean eco-labe	el (EU Flo	wer) criteria (2001/68	7/EC & 2001/686/EC	C) 🔲		
P8	Energy consumption								
P8.1	Note: For Mon					•	n data	are	
	reported on Pa	age 5 und	er Item I	P14, A	dditional Info	rmation.			
			n.a.				n.a.		
V	Maximum power	W		٧	Operation	W			
	Low power mode	W			Off mode	W			
	Sleep mode	W			Deep sleep mode	W			
	If the product is in Stan		everts to:		Deep sleep mode	VV			
	Low power mode in	15 min			Sleep mode in	20 min			
V	•			v	•				
P8.2	Deep sleep mode in 2-sided printing/copying	min n (dupley) from	1-sided origin	V nale je an	Off mode in	min action			V
P8.3		· ,			• .				
7 0.5	Information about the energy save function is given in the user documentation. (Not applicable when no instruction is needed to operate the energy save function, i.e. the energy save function cannot be adjusted or inhibited by the user.)								
P8.4						~			
P8.5 V								Г	Г
P8.6 V	· · · · · · · · · · · · · · · · · · ·								
v	,								

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Product Identity	HP Compaq dc5700 Small Form Factor PC		
Issue date	09/22/2006	Logo	(

Product	Requirement met			
Item V :	= Voluntary to answer. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P9	Noise characteristics (Measured and declared according to ISO 7779 and ISO 9296)			
P9.1	Declared A-Weighted Sound Power Level, LWAd (1B = 10 dB) Operating mode: L _{WAd} : 4.0 B Idling mode: L _{WAd} : 3.9 B			
P9.2 V	The product meets the acoustic noise requirement of: TCO	П	П	П
	Blue Angel			
	European eco-label (EU Flower)			
	Nordic Swan			
P9.3 V				
F9.5 V	Declared A-Weighted Sound Pressure Level, LpAm (measured at the operator position if applicable; otherwise measured at the 1m bystander positions). Operating mode: L _{pAm} : 30 dB Idling mode: L _{pAm} : 29 dB			
	Test position: L_{pAm} : Operator position Bystander positions			
	Test position for PC tower L _{pAm} : ✓ Table top Floor standing			
P10	Emissions			
P10.1	Chemical emission test performed according to RAL-UZ , other standard , specify:			~
	The test covers: Dust Ozone Styrene TVOC Benzene			
P10.2 V	The product meets the requirement for chemical emission in:			
	TCO			~
	Blue Angel			V
	Nordic Swan			V
P10.3	Display/monitor/portable computer meets the requirement for low frequency electromagnetic fields in:			1.
	MPR-II			~
	TCO			V
	prEN50279- A , -B , -C			✓
P11	Consumable materials			
P11.1	The photo conductor is free from selenium.		П	~
P11.2	If the photo conductor contains selenium there is a system for waste recovery.			V
P11.3 V	Safety Data Sheet/Material Safety Data Sheet (SDS/MSDS) is available for toner/ink (99/45/EC & 2001/58/EC)			~
P11.4 V	Paper containing recycled fibres and meeting requirements of ENV12281 can be used in the product.			V
P12	Ergonomics			
P12.1	The computer system meets the ergonomic requirements of EN 29241-3, -7, -8 for CRT displays and EN-ISO 13406-2 for flat panel displays.			~
P12.2	The product keyboard meets the requirements of ISO 9995 and EN 29241-4.	~		
P12.3	The computer input device meets the requirements of ISO 9241-9.			\
P13	Packaging and documentation			
P13.1	Product packaging: material type(s): Corrugated carton weight (kg): 1.200 Paper insert 0.200 Expanded PE Foam 0.240 LDPE Bag 0.010			
P13.2 V	Plastic packaging material is marked according to DIN 6120, ISO 11469 or ISO 1043, 1-4.	~		
P13.3 V	Product plastic packaging is free from chlorine	~		
P13.4 V	User and product documentation are free from chlorine bleached paper	~		
P14	Additional information			
	"The IT Eco Declaration covers the product base model only. If optional items with moving parts a hard disks or graphic cards with fans etc, these can change energy and acoustics values for whic responsibility."			

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Product Identif	HP Compaq dc5700 Small Form Factor PC		
Issue date	09/22/2006	Logo	40

P14	Additional information					
	 "The IT Eco Declaration covers 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 energy and acoustics values for which HP can take no responsibility." For PCs, HP will not declare "Maximum Power Consumption" as a standard for measurement and declaration has not been established. For Commercial Desktop and Mobile PCs, power consumption in the Off / Apparent Off mode is measured and reported with the network interface controller (NIC) WOL disabled. 					
P8.1	Supplemental Energy Efficiency Data			101 111		
	Power Consumption Parameters	AC Input Voltage at 100 VAC +/- 5 VAC, 50 Hz +/- 3 Hz	AC Input Voltage at 115 VAC +/- 5 VAC, 60 Hz +/- 3 Hz	AC Input Voltage at 230 VAC +/- 5 VAC, 50 Hz +/- 3 Hz		
	Power Consumption for Displays:					
	Enter power consumption in On / Active Power Operation Mode (W)					
	Enter power consumption in First Low Power / Sleep Mode (W)					
	Enter power consumption in Second Low Power / Deep Sleep Mode [If applicable] (W)					
	Enter power consumption in Off or Apparent Off Mode (W)					
	Power Consumption for Desktop and					
	Enter power consumption in Maximum Power Mode (W)	NA	NA	NA		
	Enter power consumption in On / Operation Mode (W)	58.5	58.3	57.2		
	Enter the power consumption in the ENERGY STAR Low Energy (Sleep) Mode (W)	2.72	2.73	2.70		
	Enter power consumption in Off or Apparent Off Mode (W)	1.80	1.82	1.80		
	Power Consumption for Handheld P	Cs:				
	Enter power consumption in On / Operation Mode (W)					
	Enter power consumption in Off or Apparent Off Mode (W)					

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