Product environmental attributes - IT Eco Declaration 2004

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Additional information	***Latest version of this document can be found at: http://www.hp.se/itecodeclarations. The company environmental profile, which is issued for the company and isn't product related, can also be found at the same website. Check Item 14 for explanatory information regarding specific item responses.***	

This declaration covers the below listed Information Technology product categories* with specified product identity (ID) such as type/model number.		
☑ Computer system unit CPU	☐ Mobile/portable computer	☐ Server
☐ Display/ monitor	☐ Keyboard	Digital ☐ Projector ☐ Camera
☐ Printer ☐ Copier ☐ Fax ☐ Multifunction product ☐ Scanner ☐ Black/white ☐ Colour Pages per minute:		☐ Other IT product, specify:
Product identity	HP rp5700 Business Desktop PC	
Issue date	***05/30/2007***	
Guideline document (Version of Guideline document used for completion of this declaration (month, year))	***June 2004***	

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.

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Product identity	HP rp5700 Business Desktop PC		
Issue date	*05/30/2007*	Logo	

Product environmental attributes - Legal requirements		Requirement 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.	☑	☐	
P1.4	Paints are free from lead (Pb), i.e. less than 0.1% b.w., *(76/769/EEC, 8th amendment, 89/677/EEC)*	☑	☐	☐
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).	☑	☐	☐
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)*	☐	☐	☑
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)*	☑	☐	☐
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)*	☑	☐	☐
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)*	☐	☐	☑
P3.4	The product is CE-marked *(93/68/EEC)*	☑	☐	
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	☐	☐	☑
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).*	☑	☐	
P5.2	The product packaging material is free from CFC/HCFC.	☑	☐	

This product meets above listed legal requirements	☑	☐	

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Product Identity	HP rp5700 Business Desktop PC		
Issue date	*05/30/2007*	Logo	

Product environmental attributes - Market requirements			Requirement met		
Item	**V** = Voluntary to answer. Additional information regarding each item may be found under P14.		Yes	No	n.a.
P6	**Environmental conscious design**				
	Disassembly, recycling				
P6.1		Gluing/welding of different material has been avoided.	☑	☐	
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 product can be done with commonly available tools	☑	☐	☐
P6.8		Processor, memory and cards of various types can be changed/upgraded.	☑	☐	☐
P6.9		Hard disk, CD/DVD drives and / or floppy drive can be changed/upgraded.	☑	☐	☐
P6.10	**V**	Spare parts are available after end of production for: years			☐
	Material requirements				
P6.11		Plastic parts >25g are free from PBB/PBDE, i.e less than 0.1% b.w.	☑	☐	
P6.12	**V**	Plastic parts >25g are free from flame retardant substances/preparations above 0.1% classified as R45/46, R50/51/52/53 and R60/61 *(67/548/EEC)*	☐	☐	
P6.13		Chemical specification of flame retardants in plastic parts >25g according to ISO 1043-4 declared below: Product cover/ housing:	☐	☐	☑
		Printed circuit boards: ***TBBP-A FR(16)***	☑	☐	☐
	V	Other plastic parts:	☐	☐	☐
P6.14		Product cover/housing material type, specified according to ISO 1043-1 Material type ABS Material type Material type			
P6.15		Electrical cable insulation material specification ☑ PVC ☐ Other			
P6.16	**V**	Light sources are free from mercury, i.e less than 0.1% b.w. If mercury is used specify: Number of lamps 1 & max. mercury per lamp >3 mg	☐	☐	☑
P6.17	**V**	Mechanical plastic parts > 25g are free from lead (Pb), i.e. less than 0.1% b.w.	☑	☐	
P6.18	**V**	Product parts are free from beryllium (Be) and beryllium oxide (BeO), i.e. less than 0.1% b.w.	☑	☐	
P7		**Batteries**			
P7.1		Product is free from batteries defined as hazardous *(91/157/EEC)*	☑	☐	
P7.2	**V**	Batteries are used that meet the European eco-label (EU Flower) criteria *(2001/687/EC & 2001/686/EC)*	☐	☐	☐
P8		**Energy consumption**			
P8.1		***Note: For Monitors, PCs and Handheld PCs, energy consumption data are reported on Page 5 under Item P14, Additional Information.***			
		n.a.			n.a.
	V	Maximum power W ☐	**V**	Operation W	☐
		Low power mode W ☐		Off mode W	☐
		Sleep mode W ☐		Deep sleep mode W	☐
		If the product is in Stand by mode, it reverts to:			
		Low power mode in ***15*** min ☐		Sleep mode in ***15*** min	☐
	V	Deep sleep mode in min ☐	**V**	Off mode in min	☐
P8.2		2-sided printing/copying (duplex) from 1-sided originals is an integrated product function.	☐	☐	☑
P8.3		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		The product meets the requirements of ENERGY STAR®.	☑	☐	☐
P8.5	**V**	The product meets the requirements of GEEA.	☐	☐	☐
P8.6	**V**	Display meets the energy save requirements of the European eco-label (EU Flower) *(2001/686/EC & 2001/687/EC).*	☐	☐	☐
	V	Desktop or portable computer meets the energy save requirements of the European eco-label (EU Flower) *(2001/686/EC & 2001/687/EC)*	☐	☐	☐

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Product Identity	HP rp5700 Business Desktop PC		
Issue date	*05/30/2007*	Logo	

Product environmental attributes - Market requirements (continued)			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}: 4.02 B Idling mode: L_{WAd}: 3.81 B				☐
P9.2 **V**	The product meets the acoustic noise requirement of:	TCO	☐	☐	☐
		Blue Angel	☑	☐	☐
		European eco-label (EU Flower)	☐	☐	☐
		Nordic Swan	☑	☐	☐
P9.3 **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}: 30.2 dB Idling mode: L_{pAm}: 28.2 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	☐	☐	☐
		Nordic Swan	☐	☐	☐
P10.3	Display/monitor/portable computer meets the requirement for low frequency electromagnetic fields in:	MPR-II	☐	☐	☑
		TCO	☑	☐	☐
		prEN50279- A ☐, -B ☐, -C ☐	☐	☐	☑
P11	**Consumable materials**				
P11.1	The photo conductor is free from selenium.		☐	☐	☑
P11.2	If the photo conductor contains selenium there is a system for waste recovery.		☐	☐	☑
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.		☐	☐	☑
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): 1.460 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		☑	☐	☐

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P14	Additional information			
	1. 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. *2. For PCs, HP will not declare "Maximum Power Consumption" as a standard for measurement and declaration has not been established.* *3. 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.* *4. This HP product complies with the European Union's Directive 2002/95/EC on the restriction or the use of certain hazardous substances in electrical and electronic equipment (RoHS).*			
P8.1	**Supplemental Energy Efficiency Data for Monitors, PCs and Handheld PCs**			
	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 Mobile PCs:			
	Enter power consumption in Maximum Power Mode (W)	***NA***	***NA***	***NA***
	Enter power consumption in On / Operation Mode (W)	***63.1***	***62.9***	***61.8***
	Enter the power consumption in the ENERGY STAR Low Energy (Sleep) Mode (W)	***3.0***	***3.1***	***3.4***
	Enter power consumption in Off or Apparent Off Mode (W)	***1.04***	***1.06***	***1.35***
	Power Consumption for Handheld PCs:			
	Enter power consumption in On / Operation Mode (W)			
	Enter power consumption in Off or Apparent Off Mode (W)			

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