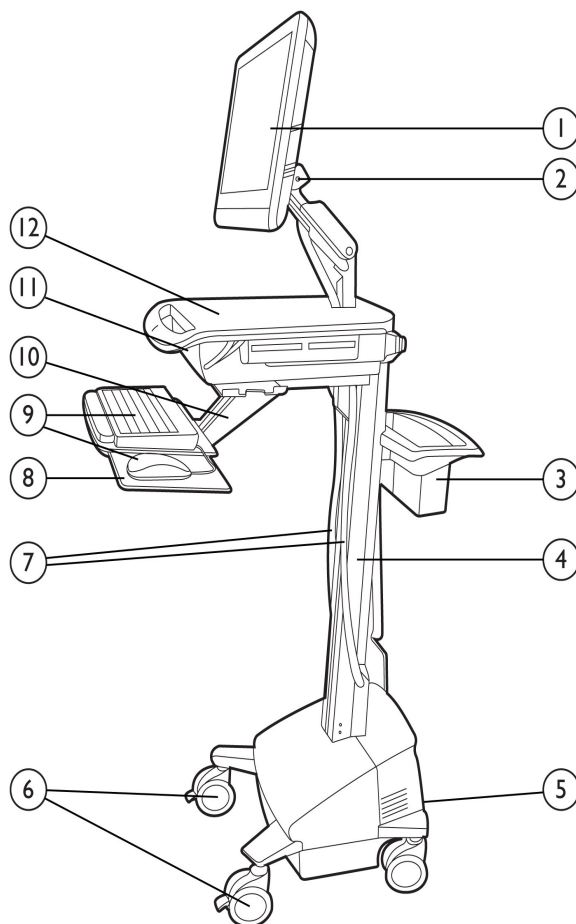


## Chart Cart Overview



- |  |  |
|--|--|
| 1. 21.5-inch diagonal screen with tilt and swivel adjustability                | 7. Cable management                                  |
| 2. HP LCD Monitor Quick Release  | 8. Left or right sliding mouse tray                  |
| 3. Storage basket and rear handle  | 9. HP USB/PS2 Washable Keyboard and HP USB/PS2 Mouse |
| 4. 20-inch(50.8 cm) sit-to-stand height adjustability                          | 10. Side-to-side pan keyboard tray                   |
| 5. HP Chart Cart battery   | 11. LED keyboard lighting                            |
| 6. Small footprint 15.5 x 17 inches (39.37 x 43.18) with front locking casters | 12. Large work surface with handles                  |

## Models

HP Chart Cart 1100i

QK790AA#ABA



### Chart Cart Overview

#### Overview

Making point-of-care easier; the HP Chart Cart 1100i arrives in a single carton, completely configured and ready to deploy. Designed to support small clinic technology requirements, the HP Chart Cart 1000i combines an innovative point-of-care cart with carefully-selected technology that is highly affordable and moves with you as you see patients, update health records, and review charts.

The HP Chart Cart 1100i is powered by an on-board battery, which includes the option to install StyleLink Software. The software is designed to help manage the power usage of the individual cart, plus optimizes the PC and Cart within an IT environment. Installation of StyleLink Software also extends the battery warranty up to one-year.

<http://www.ergotron.com/tabid/65/PRDID/434/language/en-US/default.aspx>

#### Service and support

The HP Chart Cart 1100i includes the following products and warranties:

- HP Compaq 6000 Pro All-in-One (AiO) Business PC: 3-year parts, labor, on-site warranty service
- HP USB/ PS2 Washable Keyboard and Washable Scroll Mouse, 3-year parts, labor, on-site service with system
- HP Chart Cart 1100i chassis mechanical: 5 year parts, labor, on-site warranty service
- HP Chart Cart 1100i power module: 2 year parts, labor, on-site warranty service
- HP Chart Cart 1100i non-power-module electronics: 1 year parts, labor, on-site service
- HP Chart Cart Battery: 3 months parts, labor, on-site service
- HP Chart Cart Battery with StyleLink installed: 1 year parts, labor, on-site service

If one of the above products fails during the Limited Warranty Period and the suggestions in the product documentation do not solve the problem, see the applicable warranty for information on contacting HP support, calling 1-800-HPINVENT, or going to the Worldwide Web at: <http://www.HP.com/support>.



## Chart Cart Specifications

### HP Chart Cart 1100i Overview

Customer Products & Accessories/Models Supported	All-in-One Dimensions Supported (H x W x D)	16.9 x 21.5 x 2.6 in (42.9 x 54.6 x 6.6 cm)
	All-in-One Weight Range	15.31 lbs. (6.94 kg)
	Keyboard/Mouse Combo Weight Range	3 lb max (1.36 kg)
	Overall System Weight	Total Lift Weight = 18.3 lb (8.301)

### Cart Chassis

User Forces & Weight Loads	User Force: Monitor Arm	When using a monitor within the weight spec, user will experience the following user forces:  Arm Lift = <7.5 kg max  Pivot Tilt = 3 kg max  Pivot Pan = 13 - 35 (cm - kg)
	User Forces: Head Unit Lift Engine	When product is integrated with equipment that does not exceed the overall system weight range max, the user will experience the following user forces:  Top: =9kg with up to 75mm rise/sag acceptable  Middle: =6kg with 0mm rise/sag at min and mid weight, or =8kg with 0mm rise/sag at max weight  Bottom: =9kg with up to 75mm rise/sag acceptable
	User Forces: Lift Engine Brake	7.7 lb (3.5 kg) max
	User Forces: Keyboard Tray	4 kg max (sliding, fore/aft)
	User Forces: Mouse Tray	4 kg max (sliding, side to side)
	Brake Load	100 lb (45.4 kg) max additional load throughout life of product
	Batteries	Two (2) 33 Ah / 12V DC Sealed Lead Acid (SLA), Absorbed Glass Mat (AGM) batteries  Approved battery suppliers include but are not limited to: <ul style="list-style-type: none"><li>● B&amp;B (EP33-12)</li><li>● SBS (S-12330)</li><li>● Longway (6FM33G)</li><li>● Vision (6FM33D)</li><li>● Werker (WKA 12-33C)</li><li>● PBQ (PBQ33-12L)</li></ul>
	Power Supply	TrippLite 12V, 120VAC/60Hz power supply
	Outlets	Four (4) outlets for 120V~ system



## Chart Cart Specifications

Product Features, Materials & Finishes	Access to Battery and Power Supply Compartments	Meets standard for UL60601-1
	Power Cord	10' coiled cord, NEMA 5-15P, Hospital Grade plug with IEC connector (to power system) and strain relief
	Height Adjustment Range: Head Unit Lift Engine	20" vertical lift from 23" to 43" (top of keyboard height)
	Height Adjustment Range: Monitor Arm	4" without bifocal tilted 6" with bifocal tilted
	Height Lock: Head Unit Lift Engine	Brake actuation system via hand lever - 1" increments
	Weight Adjustment: Head Unit Lift Engine	Yes - with 14 mm socket (not supplied)
	Weight Adjustment: Monitor Arm	Yes - with 14 mm socket (not supplied)es - with supplied tool (4 mm Allen T-handle)
	Tilt Adjustment Range - Monitor Arm	Forward: 12°±5° Backward: -60°±5°
	Tilt Adjustment - Keyboard Tray	Exact range depends on equipment being mounted. 10° negative tilt, max; 3° positive tilt, max
	Tilt Adjustment - Monitor Arm	Yes, with supplied tool (3 mm Allen key)
	Tilt Lock - Keyboard Tray	No
	Worksurface	One-piece, solid worksurface
	Tilt Lock - Monitor Arm	No
	Side to Side Pan - Keyboard Tray	90° Left & Right
	Side to Side Pan - Monitor Arm	90° Left & Right
	Keyboard Lighting	Included Amber LEDs with 15-min auto shut-off activated via keypad on the worksurface
	Worksurface	One-piece, solid worksurface
	VESA Compatibility	MIS-D (hole patterns: 100 x 100 mm & 75 x 75 mm)
	Read-On capability, USB Hub	Included
	Wrist Rest	Included
	Battery Life Management Software	Included - available via download
	Casters	Two (2) 4" locking casters (front) Two (2) 4" non-locking casters (rear)



## Chart Cart Specifications

Safety, Testing and Environmental Specifications	Basket & Handle	Fixed, independent mounting
		Size: see dimensional illustration
		Weight Capacity: 5 lb. max
	Security Feature	Two (2) keyed locks on the rear of the worksurface secure the contents of the head unit compartment.
	Cable Management Feature	Includes two (2) plastic cable channels secured to side of lift engine extrusion
		Includes two (2) Velcro ties
		Head unit Includes two (2) removable side covers to allow for access to notebook's left/right side connections
	Storage Temperature	-20°C to + 50°C
	Operating Temperature	10° to 29°C
	Important Safety Features	Tip Test: under full load with the product adjusted to the highest position, unit can support angles up to 10°
		Tip Force: under full load with the product adjusted to the highest position, unit can withstand 10 lbs of force without tipping.
		Emergency Brake for Head Unit Height Adjustment Mechanism: the height adjust mechanism is based on a cam / rope design which is tested to 15K cycles however, should the rope fail and / or break, an emergency brake system renders the height adjust inoperable as required by UL 60601-1.
	Environmental & Chemical Standards	Cart Load Rating: designed and tested to support 4X max load rating. RoHS, REACH, and preliminary REACH SVHC compliant
		All plastic parts >25 grams to be marked per ASTM D1972 and ASTM D1600 or ISO 11469
		No PVC except in wire insulation
	Packaging Standards	Avoid painted plastics (prohibits recycling) RoHS, WEEE and EU (94/62/EC) packaging compliant
		Pass ISTA 3A standards
	Safety/Regulatory Certification Requirements	Cart and power system are certified to UL 60601-1, CAN/CSA C22.2 No 601.1 and NFPA current leakage limits
		Power system complies with EMI limits of FCC Part 15 Class A
	Product Safety Certificate Holder	Ergotron
	Liquid Ingress Rating (per IEC 60529 standard)	IPX0

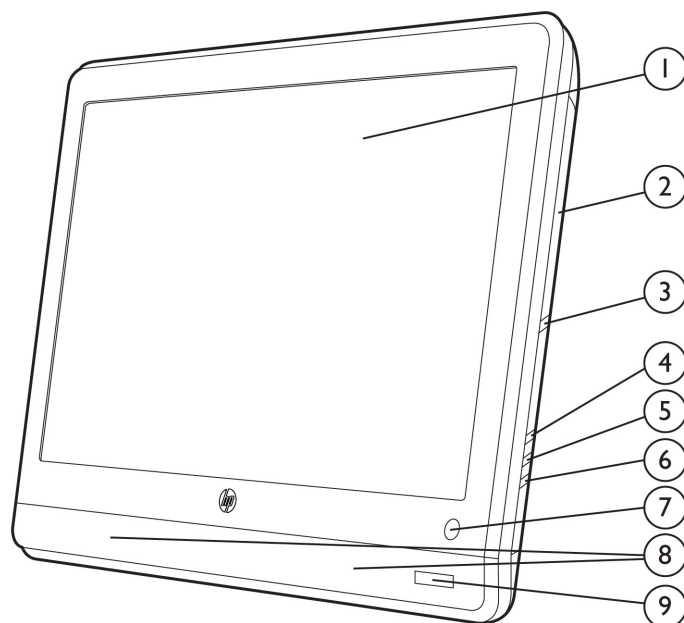


## Chart Cart Specifications

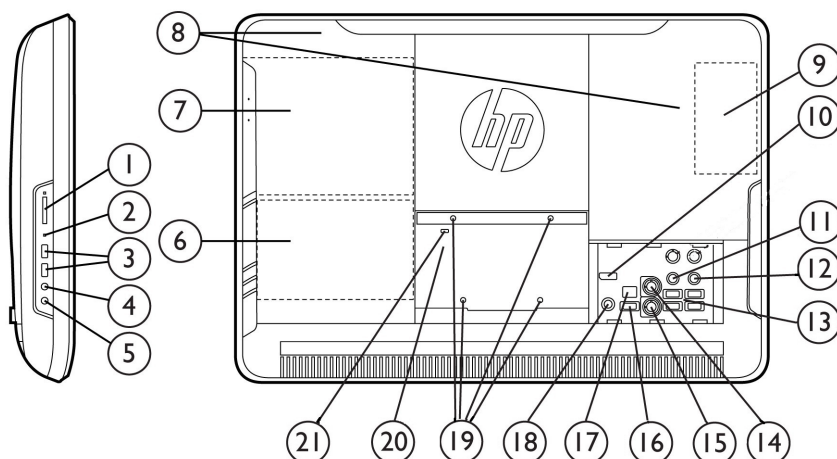
	Operating Life	Lift Engine: 15,000 cycles
		Monitor Arm: 10,000 cycles
		Brake Engagement: 30,000 cycles
HP Factory Integrated Equipment	All-in-One (AiO) Business PC	HP Compaq 6000 Pro All-in-One (AiO) Business PC
	Keyboard	HP USB PS2 Washable Keyboard
	Mouse	HP USB PS2 Washable Mouse
	Other Accessories	HP LCD Monitor Quick Release Mount
Product Documentation and Accessory Kits	Product Set-Up Guide and User Manual, StyleLink Software Installation CD*	
	* StyleLink Software is optional, and purchased separately	
Product Weight & Dimensions	Product Weight (cart-only)	129 lb (58.5 kg)
	Product Weight (integrated)	156 lb (70.8 kg)
	Product Dimensions* (cart-only) (HxWxD)	61.5 x 19.75 x 17 in (1562 x 502 x 533 mm)
	Ground Clearance (floor to base)	40 mm
	Base Dimensions	15.5" x 17" (from center of casters)
	*Depth dimension is based on wheel-to-wheel base dimension	
Packaging & Shipping Specifications	Shipping Weight (incl. pallet)	206 lb (93.4 kg)
	Shipping Dimensions* (HxWxD)	24 x 32 x 56 in (61 x 81 x 142 cm)



## HP Compaq 6000 Pro All-in-One Business PC Overview



- |   |   |
|---|---|
| 1. 21.5-inch diagonal 16:9 widescreen LED-backlit full HD LCD display | 6. Drive activity LED                       |
| 2. Tray-load optical drive (optional)                                 | 7. Power button and LED                     |
| 3. Optical drive eject button   | 8. High-performance stereo speakers         |
| 4. Brightness increase button   | 9. IR Receiver and LED (select models only) |
| 5. Brightness decrease button   |   |



- |                                |                           |
|--------------------------------|---------------------------|
| 1. HP 6-in-1 Media Card Reader | 12. Stereo audio line out |
| 2. IEEE 1394 port              | 13. (4) USB 2.0 ports     |



## HP Compaq 6000 Pro All-in-One Business PC Overview

- |                                 |  |
|---------------------------------|--|
| 3. (2) USB 2.0 ports            | 14. PS/2 mouse port                    |
| 4. Microphone/line in jack      | 15. PS/2 keyboard port                 |
| 5. Headphone jack               | 16. USB 2.0 port                       |
| 6. Hard drive access            | 17. RJ-45 Gigabit Ethernet port        |
| 7. Optical drive access         | 18. Power connector with LED indicator |
| 8. Removable access panels      | 19. VESA-compliant mounting holes (4)  |
| 9. Memory access                | 20. Access cover panel                 |
| 10. DisplayPort                 | 21. Lock slot                          |
| 11. IR Emitter (Blaster) output |  |

Operating System	Preinstalled	Genuine Windows 7 Professional Edition 32*
	<b>NOTE:</b> Windows XP Mode, available as a separate download for Windows 7 Professional, works with virtualization software such as Windows Virtual PC to run older Windows XP business software on the Windows 7 desktop.	
	* System may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See: <a href="http://www.microsoft.com/windows/windows-7/">http://www.microsoft.com/windows/windows-7/</a> for details.	

Display	21.5-inch diagonal widescreen Full HD WLED anti-glare display, tilt and swivel adjustments	
	Resolution	1920 x 1080 resolution (16:9)
	Contrast ratio	1000:1 typical
	Image brightness	250 nits typical
	Viewing angle (typical)	Up to 160° horizontal/160° vertical (10:1 minimum contract ratio)

Chipset	Intel Q43 Express chipset
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Processor and Speed*	<b>Intel Pentium Dual-Core Processor:</b> Intel Pentium E6600 Processor (3.06-GHz, 2MB L2 cache, 1066-MHz FSB) * Intel's numbering is not a measurement of higher performance. Processor numbers differentiate features within each processor family, not across different processor families.
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## HP Compaq 6000 Pro All-in-One Business PC Overview

Memory	Standard	PC3-10600 DDR3 non-ECC SDRAM (runs at 1333 MHz) Two 204-pin SODIMM slots supporting dual channel memory 2 GB (1 GB x 2)
	Dual-channel	Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory slots.
<b>NOTE:</b> Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements.		

Graphics	Integrated Intel Graphics Media Accelerator 4500 HD Shared system memory DirectX 10 capable -- or --
	Discrete NVIDIA GeForce GT230 (internal MXM 3.0 connector) 1 GB GDDR3 800 MHz dedicated video memory DirectX 10.1 capable

Storage	<b>Data Storage Drive</b> 3.5-inch, 7200 rpm, 3.0 Gb/s, Smart IV SATA Hard Drive: 250 GB 250GB SATA 3.5 HDD
	<b>Slim Optical Drive</b> HP Slim Tray load 8X DVD ROM Drive Tray-load SuperMulti DVD LightScribe Burner Read: 8x max DVD-ROM, 24x max CD-ROM Write: 8x max DVD±R, 6x max DVD±R DL, 8x max DVD+RW, 6x max DVD-RW, 5x max DVD-RAM, 24x max CD-R, 24x max CD-RW

Security	Lock slot Lockable port cover Cover Removal Sensor
	Integrated 1.2 TPM Embedded Security Chip (Vista Bit-Locker ready) Retaskable control buttons and audio ports



## HP Compaq 6000 Pro All-in-One Business PC Overview

Communications	Intel Gigabit Network Connection	Integrated 10/100/1000 NIC* AMT 3.0 support
	802.11 PCIe Mini Wireless Module	Support for 802.11 b, g, and n Up to 300 mbps data rate Built-in dual antennas (2 transmit, 2 receive)
	Bluetooth Wireless Technology (optional)	Bluetooth Specification v2.1 compliant Works with a wide range of Bluetooth devices
	* The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.	

Manageability	Intel Standard Manageability	ASF 2.0 DASH 1.0
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I/O Slots	Full Height Mini PCIe x1	One (Wireless LAN module)
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Interfaces	6-in-1 Media Card Reader	Supports Secure Digital (SD, SDHC), MultiMedia Card (MMC), xD-Picture Card, Memory Stick, Memory Stick Pro
	DisplayPort 1.1	One (compatible with DP to VGA, DP to DVI, and DP to HDMI adapters) Audio over DisplayPort supported with discrete graphics only
	IEEE 1394 port	One
	USB 2.0	Seven (2 left side, 5 rear)
	Microphone jack	One
	Stereo audio headphone jack	One
	Stereo audio line out	One
	Power connector	One
	RJ-45/Ethernet	One
	PS/2	Two

Audio/Visual	High Definition Audio support Integrated high-performance stereo speakers Integrated dual-microphone array Volume control and mute buttons (on keyboard) Stereo headphone jack Stereo line out
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Power Supply	External 150-watt power supply, 87% efficiency, active PFC
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## HP Compaq 6000 Pro All-in-One Business PC Specifications

System Unit	Dimensions (HxWxD)	16.9 in x 21.5 in x 2.6 in 429 mm x 546 mm x 66 mm
	Weight	15.3 lb (6.94 kg)
Stand-Alone Power Requirements	Electrical Ratings	100-240 V, 50/60 Hz, 2.0 A
	Idle Operating Power	Integrated graphics: 58 W Discrete graphics: 66 W
	Average Operating Power	Integrated graphics: TBD W Discrete graphics: TBD W
	Max Operating Power	< 180 W
Temperature	Operating	41° to 95° F (5° to 35° C)
	Non-operating	-22° to 149° F (-30° to 65° C)
Relative Humidity	Operating	15% to 80% @ 26° C
Altitude (unpressurized)	Operating	0 to 6,562 ft (0 to 2000 m)
	Non-operating	0 to 15,000 ft (0 to 4,572 m)
Industry Standard Certifications	UL	Yes
	CSA	Yes
	FCC Compliance	Yes
	ENERGY STAR®	Yes
	EPEAT	Gold*
Environmental	BFR/CFR/PVC-free	Yes, except for external power supply and power cord
	Arsenic-free display	Yes
	Leakage current meets NFPA99	Yes
	TAA Compliant	Yes

For accessibility information on HP products, please visit: <http://www.hp.com/accessibility>.

\* Where HP registers commercial desktop products. See <http://www.epeat.net> for registration status in your country.



## HP Compaq 6000 Pro All-in-One Business PC Specifications

**Eco-Label Certifications & declarations** This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- US Energy Star
- IT ECO declaration
- EPEAT Gold where HP registers commercial desktop products. See <http://www.epeat.net> for registration status in your country.

**System Configuration** The configuration used for the Energy Consumption and Declared Noise Emissions data for the Ultra-slim Desktop model is based on a typically configured product

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation	38.325W	38.6587W	38.3344W
Sleep (Energy Star low power mode)	4.021W	4.0931W	4.0194W
Off	2.8491W	2.9215W	2.8496W

Heat Dissipation*	115 VAC	230 VAC	100 VAC
Normal Operation	131 BTU/hr	132 BTU/hr	131 BTU/hr
Sleep	14 BTU/hr	14 BTU/hr	14 BTU/hr
Off	10 BTU/hr	10 BTU/hr	10 BTU/hr

\* Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

### Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

System Fan Off	Sound Power (LWAd, bels)	Sound Pressure (LpAm, decibels)
Idle	3.8	27
Fixed Disk (random writes)	4.1	29

### RoHS Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

### Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at: [http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen\\_specifications.html](http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html)):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons



## HP Compaq 6000 Pro All-in-One Business PC Specifications

- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
- Nickel finishes that release greater than 0.5 micro-grams/cm<sup>2</sup>/week, measured according to EN 1811:1998, are not used on any product surface designed to be frequently handled or touched by users.

### Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

### End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

### Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment:

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Eco-label certifications

<http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html>

ISO 14001 certificates:

<http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html>



## Input/Output Devices - Keyboard and Mouse

HP USB/PS2 Washable Keyboard	Physical characteristics	Keys	104 (US) Layout, 105 (EU) layout -- depending upon country
		Dimensions (L x W x H)	17.67x 6.62 x 1.38 in (449 x 168 x 35 mm)
		Weight	1.7 lb (0.77 kg) minimum
	Electrical	Operating voltage	+ 5VDC $\pm$ 5%
		Power consumption	50-mA maximum (with three LEDs ON)
		System interface	USB Type A plug connector
		ESD	CE level 4, 15-kV air discharge
		EMI - RFI	Conforms to FCC rules for a Class B computing device
	Mechanical	Microsoft® PC 99 - 2001	Functionally compliant
		Keycaps	Stepped -profile design
		Switch actuation	55-g nominal peak force with tactile feedback
		Switch life	20 million keystrokes
		Switch type	Contamination-resistant switch membrane
		Key-leveling mechanisms	For all double-wide and greater-length keys
		Cable length	7 ft (2.2 m)
		Microsoft PC 99 - 2001	Mechanically compliant
	Environmental	Acoustics	43-dBA maximum sound pressure level
		Operating temperature	50° to 122° F (10° to 50° C)
		Non-operating temperature	-4° to 149° F (-20° to 65° C)
		Operating humidity	10% to 95% (non-condensing at ambient)
		Non-operating humidity	0% to 95% (non-condensing at ambient)
		Operating shock	40 g, six surfaces
		Non-operating shock	80 g, six surfaces
		Operating vibration	2-g peak acceleration
		Non-operating vibration	4-g peak acceleration
		Drop (out of box)	26 in (66 cm) on carpet, six-drop sequence
		Drop (in box)	42 in (107 cm) on concrete, 16-drop sequence
	Operating system support	Windows® 7, Windows Vista, Windows XP Professional	
	Approvals	UL, cUL, FCC, CE, TUV GS, VCCI, BSMI, C-Tick, KCC, USB-IF, WHQL, EN/IEC 60601-1, IP66/NEMA4X	
	Ergonomic compliance	ANSI HFS 100, ISO 9241-4, and TUVGS	
	Kit contents	Keyboard with USB cable, USB-to_PS2 adapter, Quick disconnect cable with extension to lengthen your cable, I/O Security Software & Documentation CD including the safety and comfort guide, warranty card	

HP USB/PS2 Washable	Dimensions (H x L x W)	1.56 x 2.44 x 4.61 in (3.95 x 6.21 x 11.7 cm)
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## Input/Output Devices - Keyboard and Mouse

Scroll Mouse	Weight	4.44 oz (126 g)
	Environmental	<b>Operating temperature</b> -32° to 104°F (0° to 40° C) <b>Non-operating temperature</b> -4° to 140°F (-20° to 60° C) <b>Operating humidity</b> 10% to 90% (non-condensing at ambient) <b>Non-operating humidity</b> 10% to 90% non-condensing <b>Operating shock</b> 40 g, 6 surfaces <b>Non-operating shock</b> 80 g, 6 surfaces <b>Operating vibration</b> 2 g peak acceleration <b>Non-operating vibration</b> 4 g peak acceleration <b>Drop (out of box)</b> 80 cm height onto asphalt tile over concrete or equivalent, 5-drop in 5 direction except the cable face
	Electrical	<b>Operating voltage</b> 5 VDC $\pm$ 10% <b>Power consumption</b> 100mA <b>System consumption</b> PS/2 mini-din connector or USB <b>ESD</b> CE level 2 8 kV air discharge <b>EMI-RFI</b> Conforms to FCC rules for a Class B computing device
	Mechanical	<b>Microsoft® PC99 - 2001</b> Functionally compliant <b>Resolution</b> 1000 $\pm$ 20% DPI <b>Tracking speed</b> 14 in/s ( 35.56 cm/s) maximum <b>Acceleration</b> 2 g <b>Switch actuation</b> 70 g nominal peak force <b>Switch life</b> 3,000,000 operations (using Hasco modified tester)
		<b>Switch type</b> Low force micro-switches <b>Cable length</b> 8.8 ft total 70 cm+ 2m extension
		<b>Microsoft PC99 - 2001</b> Mechanically compliant
		<b>Scroll wheel</b> <b>Width</b> 6 mm <b>Diameter</b> 1 in (25.4 mm) <b>Maximum rotation speed</b> 48 rats/sec <b>Switch type</b> Light force micro-switch <b>Switch life</b> 3 million operations <b>Mechanical life</b> Minimum 200,000 revolutions
	Regulatory approvals	<b>Compliant</b> FCC, CE Mark, ICES-003-B, IP66/NEMA4X
	Compatibility	<b>Operating system support</b> Windows 7, Windows Vista Business 64*, Windows Vista Business 32*, Windows Vista Home Basic 32*, Windows 2000, Windows XP Professional or Windows XP Home 32* (No driver is required for this device. Native support is provided by the operating system.), xpe,



## Input/Output Devices - Keyboard and Mouse

ce.net, Linux, XP-64

\* Certain Windows Vista product features require advanced or additional hardware. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit:

<http://www.windowsvista.com/upgradeadvisor>. For Windows Vista system requirements, visit:

<http://www.windowsvista.com/systemrequirements>.

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