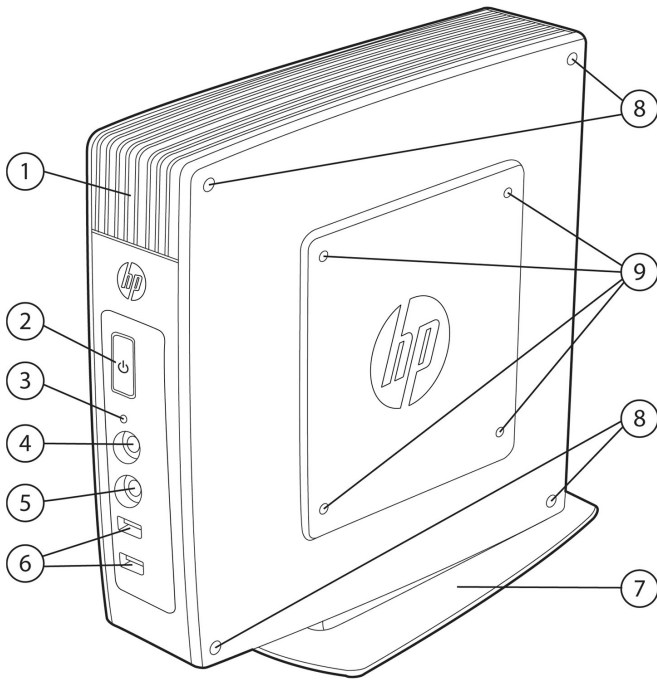


### Overview

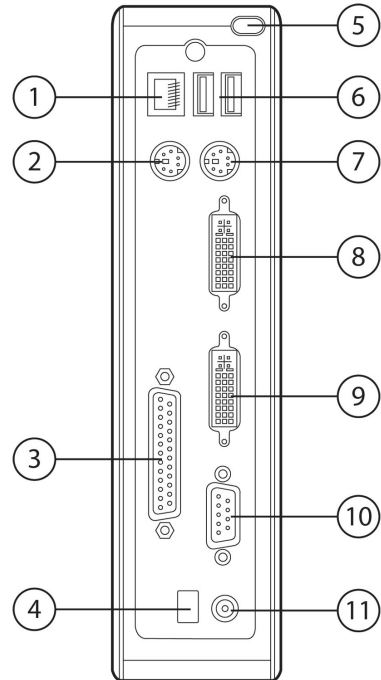
### Introduction

The HP t5550 Thin Client delivers a great desktop experience for general office applications or your specific line of business software. This unit's enhanced features make it ideal for mainstream business use, with support for legacy ports, ICA, RDP, terminal emulation, Windows Media Player, Internet Explorer and viewers for Microsoft Office 2003 Excel, Powerpoint, and Word. The t5550 is designed for more secure, convenient access to traditional Terminal Services, Citrix solutions, VMware solutions, and HP Blade Workstations. Easy Update and Easy Config utilities make setup a snap.



**Front**

1. Secure USB compartment (2 USB connectors)
2. Power button with LED
3. Flash storage activity indicator
4. Audio connector (mic in)
5. Audio connector (headphone out)
6. USB connectors (2)
7. Vertical stand (removable)
8. Insertion points self-adhesive feet for horizontal positioning (4)
9. VESA mounting points (4)



**Back**

1. 10/100/1000 Ethernet RJ-45 connector
2. PS/2 mouse connector
3. Parallel port
4. Power cord retention slot
5. Security lock slot
6. USB connectors (2)
7. PS/2 keyboard connector
8. DVI-D connector
9. DVI-I connector
10. Serial port
11. +19V DC power input

### Overview

#### At A Glance

- Microsoft® Windows® Embedded CE 6.0 R3 operating system
- VIA Nano u3500 superscalar 1 GHz processor for great performance
- VIA VX900 Media System Processor
- 1 GB System memory (128 MB reserved for video)
- 512 MB Flash memory
- Includes one parallel, one serial, two PS/2, and six USB 2.0 ports (two in back, two in front, and two in secure USB compartment - great for safeguarding USB wireless and Flash devices or for securing USB keyboard and mouse)
- MIC in and Audio out ports in front
- Built in dual monitor support (DVI-I and DVI-D native, with DVI-I-to-VGA adapter included in carton)
- ENERGY STAR® qualified and EPEAT® registered
- BFR/PVC free<sup>1</sup>
- Contains over 10% post-consumer recycled plastics (by weight)
- HP Easy Tools including:
  - The Easy Setup Wizard that allows you to follow step-by-step through this administrative setup wizard or simply use just the tool you need.
  - The HP Easy Update utility that makes it quick and easy to identify and choose the latest image and add-on settings helping get up, running and productive faster than ever before.
  - The HP Easy Config Utility that makes it easier to configure the settings specific to each use-case including setting the thin client as a VMware Horizon View, Citrix XenDesktop, or web appliance. Apply the settings to the local thin client or write them to an XML file for use on other HP thin clients, regardless of operating system.
  - Exclusive HP ThinState Tools offers in-box, easy-to-use image deployment and recovery tools
  - And more features coming soon. (Use HP Easy Update to download an updated and enhanced version of HP Easy Tools starting late February 2011)
- HP Device Manager lets you remotely manage client devices from a central location
- Support for HP Client Automation for quick and easy deployment of images and thin client management
- HP Total Care Warranty and Services: limited three-year hardware warranty in most regions. HP Care Pack Services extend service contracts which go beyond your standard warranties. For more details visit: [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool).

<sup>1</sup> HP t5550 thin clients are brominated flame retardant and polyvinyl chloride free (BFR/PVC-free); meeting the evolving definition of "BFR/PVC-free" as set forth in the "INEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR/CFR/PVC-Free).'" Plastic parts contain <1,000 ppm (0.1 percent) of bromine (if the Br source is from BFRs) and <1,000 ppm (0.1 percent) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total <1,500 ppm (0.15 percent) with a maximum chlorine of 900 ppm (0.09 percent) and maximum bromine being 900 ppm (0.09 percent). Service parts after purchase may not be BFR/PVC-free. External power supply, power cords, keyboard, mouse, and DVI-to-VGA adapter are not BFR/PVC free

### Models

<b>XR246AA#XXX</b>	<b>Model Name</b>	HP t5550 Thin Client
<b>XR246AT#XXX</b> (SmartBuy or Promo)	<b>Processor</b>	VIA superscalar Nano u3500 1 GHz
	<b>Flash</b>	512 MB
	<b>System Memory</b>	1 GB (128 MB reserved for video)
	<b>Operating System</b>	Microsoft Windows Embedded CE 6.0 R3
	<b>Keyboard</b>	Keyboard (USB or PS/2) varies by region
	<b>Mouse</b>	Mouse (USB or PS/2) varies by region

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<b>XR247AA#ABA</b> (TAA Compliant) <sup>2</sup>	<b>Model Name</b>	HP t5550 Thin Client
	<b>Processor</b>	VIA superscalar Nano u3500 1 GHz
	<b>Flash</b>	512 MB
	<b>System Memory</b>	1 GB (128 MB reserved for video)
	<b>Operating System</b>	Microsoft Windows Embedded CE 6.0 R3
	<b>Keyboard</b>	Keyboard (USB or PS/2) varies by region
	<b>Mouse</b>	Mouse (USB or PS/2) varies by region
	<b>Side Panels</b>	Standard 100 mm VESA mounting holes

<sup>2</sup>Product complies with U.S. Trade Agreement (TAA). Available in U.S. only.

### Options

	<b>NOTE: Options are available as separate purchase<sup>1</sup></b>	<b>Part Number</b>
<b>Accessories</b>	HP Quick Release Kit	EM870AA
	HP Integrated Work Center Stand	GN783AA
	HP/Kensington Cable Lock	PC766A
	65 Watt External Power Supply replacement	AZ552AA
<b>Communications</b>	HP Neoware NA USB Wireless Adapter <sup>3</sup> (US only; not certified for use in Latin America or Canada) Security: WEP except 256-bit, WPA & WPA2 only	AK256AA
	HP Neoware EMEA USB Wireless Adapter <sup>3</sup> (EMEA and Taiwan; not certified for use in Russia or Belarus) Security: WEP except 256-bit, WPA & WPA2 only	AK257AA
<b>Touch Screens</b>	ELO Touch 1529L Flat Panel <sup>2</sup>	E926109
	HP L5006tm LCD Touchscreen (available in selected countries)	RB146AA
<b>Security</b>	HP USB Smartcard Keyboard	ED707AA
	SCM USB Smart Card Reader SCR331 <sup>2</sup>	904622
	HP Keyed Cable Lock (BFR/PVC free)	BV411AA
<b>Input Devices</b>	HP PS/2 Standard Keyboard	DT527A
	HP USB Standard Keyboard	DT528A
	HP USB Smartcard Keyboard	ED707AA
	HP PS/2 2-Button Scroll Mouse	DD440B
	HP PS/2 2-Button Optical Scroll Mouse	EY703AA
	HP USB 2-Button Optical Scroll Mouse	DC172B
<b>Storage</b>	External USB 2.0 Multibay II Cradle	PA509A
	Multibay II DVD Drive (Does not support DVD play back)	PA849A

### Options

**Care Pack Services<sup>4</sup>**      9x5 Next-Business-Day Advanced Exchange - 3 Years  
   9x5 Next-Business-Day On-Site Coverage - 3 Years

<sup>1</sup> The warranties for HP branded products are set forth in the express limited warranty statements accompanying such products. Although third-party products may work effectively on HP thin clients, these third-party products are provided "AS IS." HP does not support or warrant third-party products, including the interoperability of such products with HP thin clients. However, third-party manufacturers and vendors may provide their own warranties and support directly to you. Please contact the manufacturers or vendors for hardware or software support on their products.

<sup>2</sup> This is a third party product. Product, warranty and support available directly from third party vendor.

<sup>3</sup> Wireless access point and Internet service sold separately. Roaming not supported. See Administrator's Guide for supported wireless features. Not certified or available in Asia-Pacific/Japan.

<sup>4</sup> Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool). Additional HP Care Pack Services information by product is available at: [www.hp.com/hps/carepack](http://www.hp.com/hps/carepack).

### Technical Specifications

<b>Processor</b>	VIA Nano u3500 1 GHz																																														
<b>Chipsets</b>	VIA VX900 Media System Processor north/south bridge unified chip																																														
<b>Memory</b>	<b>Flash</b>	512 MB																																													
	<b>System Memory</b>	1 GB DDR3 SODIMM (128MB reserved for video)																																													
<b>Graphics</b>	VIA ChromotionHD 2.0 Integrated Graphics Processor																																														
	<p><b>NOTE:</b> The resolutions your monitor displays and the multi-display modes (i.e., clone, spanning, extended/independent) supported in ICA, RDP or locally may vary. The graphics controller supports these resolutions:</p> <table border="0"> <thead> <tr> <th><b>Resolutions</b></th> <th><b>Refresh Rates</b></th> <th><b>Color Depth</b></th> </tr> </thead> <tbody> <tr> <td>800 x 480</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>800 x 600</td> <td>60, 75, 85 Hz</td> <td>16, 32</td> </tr> <tr> <td>1024x768</td> <td>60, 75, 85 Hz</td> <td>16, 32</td> </tr> <tr> <td>1280x720</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>1280x768</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>1280x1024</td> <td>60, 75, 85 Hz</td> <td>16, 32</td> </tr> <tr> <td>1360x768</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>1400x1050</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>1440x900</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>1600x1200</td> <td>60, 75, 85 Hz</td> <td>16</td> </tr> <tr> <td>1600x1200</td> <td>60 Hz</td> <td>32</td> </tr> <tr> <td>1680x1050</td> <td>60, 75, 85 Hz</td> <td>16, 32</td> </tr> <tr> <td>1920x1200</td> <td>60 Hz</td> <td>16, 32</td> </tr> <tr> <td>1920x1440</td> <td>60 Hz</td> <td>16, 32</td> </tr> </tbody> </table>			<b>Resolutions</b>	<b>Refresh Rates</b>	<b>Color Depth</b>	800 x 480	60 Hz	16, 32	800 x 600	60, 75, 85 Hz	16, 32	1024x768	60, 75, 85 Hz	16, 32	1280x720	60 Hz	16, 32	1280x768	60 Hz	16, 32	1280x1024	60, 75, 85 Hz	16, 32	1360x768	60 Hz	16, 32	1400x1050	60 Hz	16, 32	1440x900	60 Hz	16, 32	1600x1200	60, 75, 85 Hz	16	1600x1200	60 Hz	32	1680x1050	60, 75, 85 Hz	16, 32	1920x1200	60 Hz	16, 32	1920x1440	60 Hz
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<b>Input/Output/ Peripheral Support</b>	<b>Keyboard</b>	Keyboard (USB or PS/2) varies by region																																													
	<b>Mouse</b>	Mouse (USB or PS/2) varies by region																																													
	<b>Printer</b>	Local and/or network printers (RDP, ICA, LPD) JetCET Print Professional and ThinPrint .print TCP client are included																																													
	<b>Video</b>	DVI-I and DVI-D dual monitor output (DVI-I-to-VGA adapter included in carton)																																													
<b>Audio</b>	<b>Output</b>	Internal amplified speaker, 1/8-inch mini-jack, 24-bit stereo, 192-kHz sample rate																																													
	<b>Input</b>	1/8-inch microphone mini-jack, 20-bit stereo, 96-kHz sample rate																																													
<b>Hardware Security</b>	Security lock slot (cable lock sold separately) Secure USB compartment with 2 USB ports																																														
<b>Server Based Computing Protocols</b>	Citrix ICA Microsoft RDP																																														
<b>Networking</b>	10/100/1000 Ethernet (RJ-45)																																														
	TCP/IP with Dynamic DNS and DHCP support																																														
	Direct connection via RS-232, Point-to-Point Protocol (PPP), Point-to-Point over Ethernet (PPPoE) VPN connection via MS Point-to-Point Tunneling Protocol (PPTP), Layer-2 Tunneling Protocol (L2TP)																																														
	Simple Network Time Protocol (SNTP)																																														

### Technical Specifications

DHCP with FTP option for automatic updates  
Microsoft SMB (Server Message Block) for deploying image from a PC that has been defined as a shared resource (No need to set up FTP Server, if this option is used)

Wake on LAN

PXE

**I/O ports and connectors** 6 USB 2.0 ports, 1 serial, 1 parallel, 2 PS/2, 1 RJ45, 1 DVI-I, 1 DVI-D, 1 headphone, 1 microphone (plus DVI-I-to-VGA adapter included in carton)

**Resident Operating System** Microsoft Windows CE 6.0 R3

**OS Languages** English

**Server OS Compatibility/Support** Citrix XenApp 5 and 6  
Citrix XenDesktop 2.x, 3, and 4  
Citrix Presentation Server 4.0  
Windows Server 2008 Terminal Services  
Windows 2000/2003 Server families; Windows 2000/2003 Server Terminal Services  
VMware Virtual Desktop Infrastructure using RDP

**Session Allocation Managers/Session Brokers** Citrix XenDesktop DDC Broker  
VMware Horizon View 4.0 client (broker)  
VMware Horizon View Manager 3.x client (broker)  
VMware VDM 2.1 client (broker)  
Leostream Desktop Connection Broker

**Software Included** Microsoft Windows CE 6.0 R3 operating system  
Citrix ICA 10.x and Microsoft RDP 6.0  
Microsoft Internet Explorer 6.0 for Windows CE  
Microsoft Windows Media Player 9.0 for Windows CE  
Viewers for Microsoft Office 2003: Excel, Powerpoint, and Word  
HP Device Manager 4.0 Agent  
Altiris support for managing mixed environments of HP and non-HP desktop environments (no Altiris license included)  
HP Easy Tools:

- HP Easy Setup Wizard to guide you through the setup process
- HP Easy Update Utility for image and add-on update and installation
- HP Easy Config Utility for configuring the most popular thin client settings and connections and HP

ThinState for image capture and redeploy  
HP ThinConnect Connection Manager  
HP Client Automation. For details visit: [www.hp.com](http://www.hp.com)  
TeamTalk Terminal Emulation Suite  
VNC for remote control  
JetCET Print Professional  
Thinprint .print TCP client  
Ttxtpad  
See [www.hp.com/support](http://www.hp.com/support) for list of available add-ons

**Emulations** TeamTalk Terminal Emulator supports these emulations. SSH is supported in terminal emulation mode allowing users to secure their connections to the host.

<b>Emulation</b>	<b>Terminal ID</b>
ADDS Viewpoint A2	ADDS-A2

### Technical Specifications

AIXTerm	aixterm
ANSI BBS	ansi
AT&T AT 386	at386-m
AT&T Dataspeed 4410	att4410
Bull BQ3107	VIP7700, VIP7760
Data General Dasher 410/412	dg410
Hewlett Packard HP700- 92/96	2392A, 2622A, 70092, 70094, 70096
Hazeltine 1500	HZ1500
IBM 3151	11, 11-28, 31, 31-28
IBM 3270	3278-2 (24x80 Mono), 3278-3 (32x80 Mono), 3278-4 (43x80 Mono), 3278-5 (27x132 Mono), 3278-2-E (24x80 Color), 3278-3-E (32x80 Color), 3278-4-E (43x80 Color), 3278-5-E (27x132 Color), 3279-2 (24x80 Color), 3279-3 (32x80 Color), 3279-4 (43x80 Color), 3279-5 (27x132 Color), 3287-1 (Printer)
IBM 5250	3179-2 (24x80 Color), 3180-2 (27x132 Mono Msg), 3196-A1 (24x80 Mono), 3477-FC (27x132 Color Msg), 3477-FG (27x132 Mono Msg), 3486-BA (24x80 Mono), 3487-HA (27x132 Mono), 3487-HC (27x132 Color), 3812-1 (Printer), 5251-11 (24x80 Mono), 5291-1 (24x80 Mono), 5292-2 (24x80 Color), 5553-B01 (DBCS Printer), 5555-B01 (DBCS 24x80 Mono), 5555-C01 (DBCS 24x80 Color)
McDonnell Douglas Prism- 8, Prism-12	tty
McDonnell Douglas Prism- 9	tty
Prime PT250	pt250
SCO Console	ansi
Siemens 97801	97801
Stratus V102	v102

### Technical Specifications

Tandem TA6526, TA6530	tn6530-8
Televideo 910	TVI910
Televideo 920	TVI920
Televideo 925	TVI925
Televideo 950	TVI950
Televideo 955	TVI955
Unisys T27	UNISYS-TD830
Viewdata 40	VIEWDATA - 40
Viewdata 80	VIEWDATA - 80
Viewdata Split	VIEWDATA - SPLIT
DEC VT PCTerm	VT-PCTERM
DEC VT100	m2200, vt100, vt101, vt102, vt125, vt131, vt132, vt220, vt240, vt320, vt340, vt420, vt510, vt520, vt525
DEC VT100+	VT100+
DEC VT500 7-bit	m2200, vt100, vt101, vt102, vt125, vt131, vt132, vt220, vt240, vt320, vt340, vt420, vt510, vt520, vt525
DEC VT500 8-bit	m2200, vt100, vt101, vt102, vt125, vt131, vt132, vt220, vt240, vt320, vt340, vt420, vt510, vt520, vt525
DEC VT 52	m2200, vt100, vt101, vt102, vt125, vt131, vt132, vt220, vt240, vt320, vt340, vt420, vt510, vt520, vt525
VT HP220	vt220
VT UTF8	VT-UTF8
Wyse WY370	WYSE-370
Wyse WY50	WYSE-50
Wyse WY50+	WYSE-50
Wyse WY60	WYSE-60
Wyse PCTerm	WYSE-PCTERM

#### Dimensions

##### H x W x D

(approximate)

#### Without stand

8.25 x 2.30 x 8.5 in (209.55 x 58.42 x 215.90 mm)

#### With stand

8.65 x 2.30 x 8.5 in (219.70 x 58.42 x 215.90 mm)

#### Weight (approximate)

#### With stand

3.00 lbs (1.36 kg)

#### Power Supply

Worldwide auto-sensing 100–240 VAC, 50–60 Hz energy-saving automatic power-down, surge-tolerant, ENERGY STAR® 2.0 qualified 65-watt power supply supplying 19VDC

#### Environmental

**Operating temperature range** 50° to 104° F (10° to 40° C)

**Non-operating temperature range** -22° to 140° F (-30 to 60° C)

**Humidity (non-condensing)** 10% to 90% operating/5% to 95% non-operating

#### Regulatory Compliances

#### Product Safety

International: IEC60950-1, 12:2005, with CB Certificate and all National Deviations  
 US and Canada: UL 60950-1 / CAN/CSA 22.2 No. 60950-1-03, 07:2006, Bi-National Standard for ITE Safety in the US and Canada and is published jointly

### Technical Specifications

by UL and CSA.

Europe: EN 60950-1, 06:2003, Information Technology Equipment

#### **Ergonomics**

The product has been tested and found to comply with all applicable GS ergonomic requirements.

#### **RF Interference**

FCC Class B, CE Mark, VCCI

#### **Warranty**

Three-year limited hardware warranty.

**NOTE:** Certain restrictions apply. Consult the [HP Customer Support Center](#) for details.

### Technical Specifications – Environmental Data

**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:

- ENERGY STAR® Category B
- EPEAT® registered where applicable/supported, see [www.epeat.net](http://www.epeat.net) for registration status by country
- BFR/PVC-free product\*

\* HP t5550 thin clients are brominated flame retardant and polyvinyl chloride free (BFR/PVC-free); meeting the evolving definition of "BFR/PVC-free" as set forth in the "iNEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR/CFR/PVC-Free).'" Plastic parts contain <1,000 ppm (0.1 percent) of bromine (if the Br source is from BFRs) and <1,000 ppm (0.1 percent) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total <1,500 ppm (0.15 percent) with a maximum chlorine of 900 ppm (0.09 percent) and maximum bromine being 900 ppm (0.09 percent). Service parts after purchase may not be BFR/PVC-free. External power supply, power cords, keyboard, mouse, and DVI-to-VGA adapter are not BFR/PVC free

**Additional Compliance** This product is in compliance with:

- This product complies with the requirements of the European Union's Ecodesign Directive 2009/125/EC and its associated implementing measures.
- Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC.
- Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC.
- California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

### Energy Consumption

	115 VAC (60Hz)	230 VAC (50Hz)	100 VAC (60Hz)
Idle State:	8.81 W	8.88 W	8.89 W
Off Mode:	0.40 W	0.47 W	0.40 W

**NOTE:** This product is in compliance with US executive order 13221, WOL (wake on LAN) disabled. Off Mode measurements made with WOL disabled.

**NOTE:** The actual power consumption at your location could vary and is dependent on many factors including, but not limited to, software load on the thin client, attached peripherals, and environmental factors.

### Heat Dissipation

Idle State:	30.06 BTU/hr	30.30 BTU/hr	30.33 BTU/hr
Off Mode:	1.36 BTU/hr	1.60 BTU/hr	1.36 BTU/hr

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

### Batteries

This product complies with ISO standards:

- EU Directive 91/ 157/ EEC
- EU Directive 93/ 86/ EEC
- EU Directive 98/ 101/ EEC

Batteries used in the product do not contain:

- Mercury greater the 5ppm by weight
- Cadmium greater than 10ppm by weight
- Lead greater than 4000ppm by weight.

### Technical Specifications – Environmental Data

Battery size: CR2032 (coin cell)  
Battery type: Lithium

#### Recycled material

##### Product

- This product contains at least 10% recycled materials (by weight).\*
- This product is at least 90% (by weight) recyclable when disposed of properly at end of life.

\* Product contains a minimum of 10% post-consumer recycled plastics (by weight), excluding external power supply, power cable, keyboard, and mouse.

##### Packaging

- The EPE foam packaging material contains at least 5% (by weight) post-consumer recycled content.
- The corrugated paper packaging materials contains at least 80% (by weight) post-consumer recycled content.
- The packaging for this product is 100% (by weight) recyclable when disposed of properly.

#### Environment- friendly Products and Approach

##### 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.

##### 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: [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
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- 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)

##### Packaging

HP follows these guidelines to decrease the environmental impact of product

### Technical Specifications – Environmental Data

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: [www.hp.com/recycle](http://www.hp.com/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: [www.hp.com/go/recyclers](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

[www.hp.com/hpinfo/globalcitizenship/gcreport/index.html](http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html)

Eco-label certifications

[www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html](http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html)

ISO 14001 certificates:

[www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html](http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html)

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