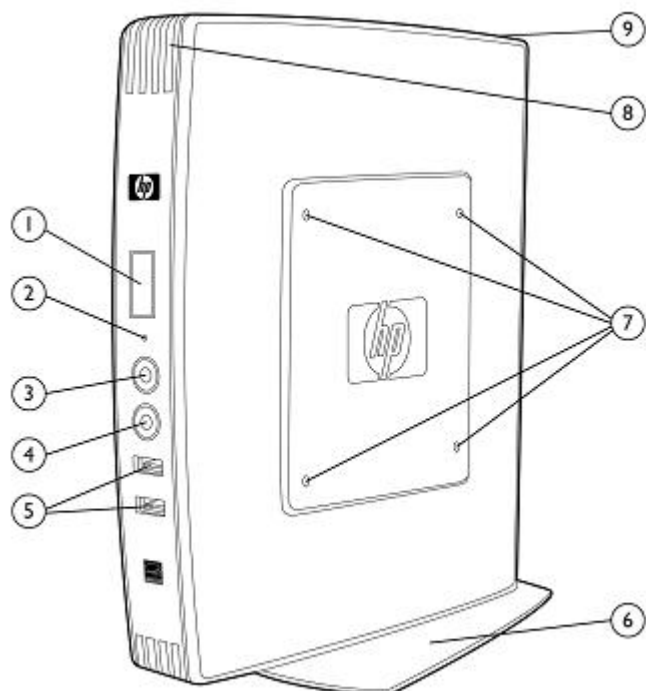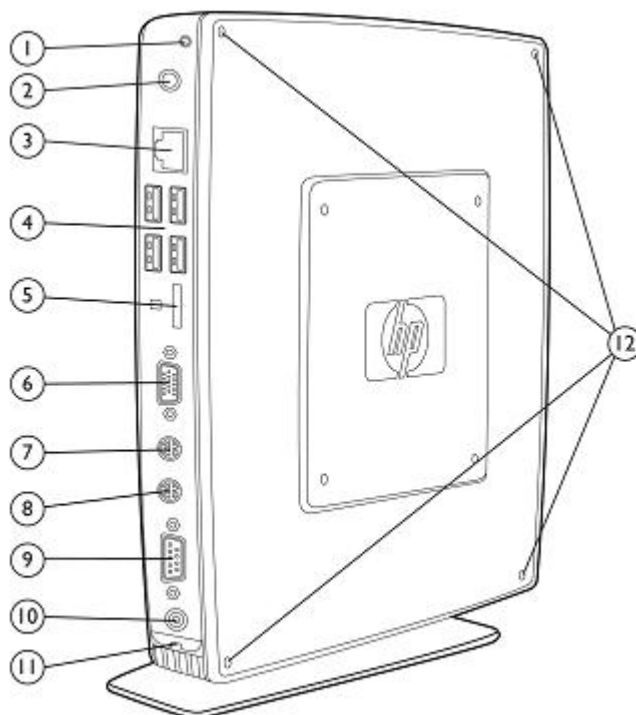# QuickSpecs

HP t5745 Thin Client

Overview

Front

1. Power button (with integrated power indicator light)
2. Flash drive activity indicator light
3. Audio connector (headphone/speaker out)
4. Audio connector (mic in)
5. USB connectors (two)
6. Removable stand for vertical orientation
7. Mounting points for HP Quick Release or other VESA mount
8. Secure USB compartment cover
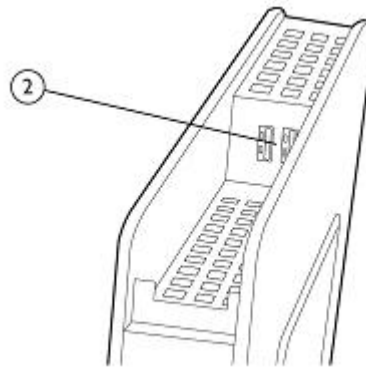9. Cable lock slot (secures unit and secure USB compartment)

Back

1. Cabling exit from secure USB compartment
2. Wi-Fi antenna connector (depends on model)
3. Ethernet RJ-45 connector
4. USB connectors (four)
5. DisplayPort monitor output
6. VGA monitor connector
7. PS-2 keyboard connector
8. PS-2 mouse connector
9. Serial connector
10. +19V DC power input
11. Power cable retention slot
12. Mounting location for four (4) horizontal mounting feet

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Overview

Top

1. Cable lock slot - secures unit and secure USB compartment

2. Secure USB compartment with cover removed - 2 USB connectors

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with optional Expansion Module Kit

Front

1. Power button (with integrated power indicator light)
2. Flash drive activity indicator light
3. Audio connector (headphone/speaker out)
4. Audio connector (mic in)
5. USB connectors (two)
6. Removable stand for vertical orientation
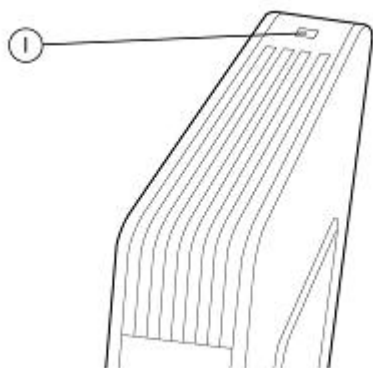7. Mounting points for HP Quick Release or other VESA mount

Back

1. Cabling exit from secure USB compartment
2. Wi-Fi antenna connection (depends on model)
3. Ethernet RJ-45 connector
4. USB connectors (four)
5. DisplayPort monitor output
6. VGA monitor connector
7. PS/2 keyboard connector

Overview

8. Secure USB compartment - 2 USB connectors
9. Cable lock slot (secures unit and secure USB compartment)

8. PS/2 mouse connector
9. Serial connector
10. +19V DC power input
11. Power cable retention slot
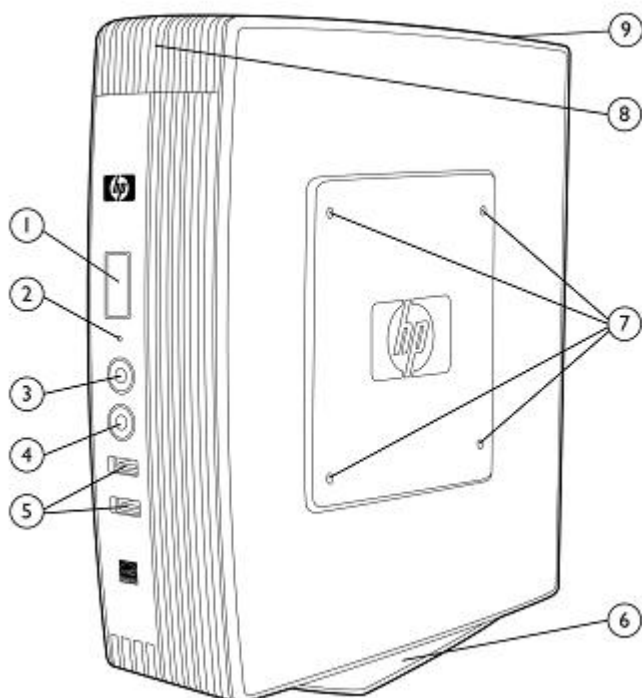12. Mounting location for four (4) horizontal mounting feet
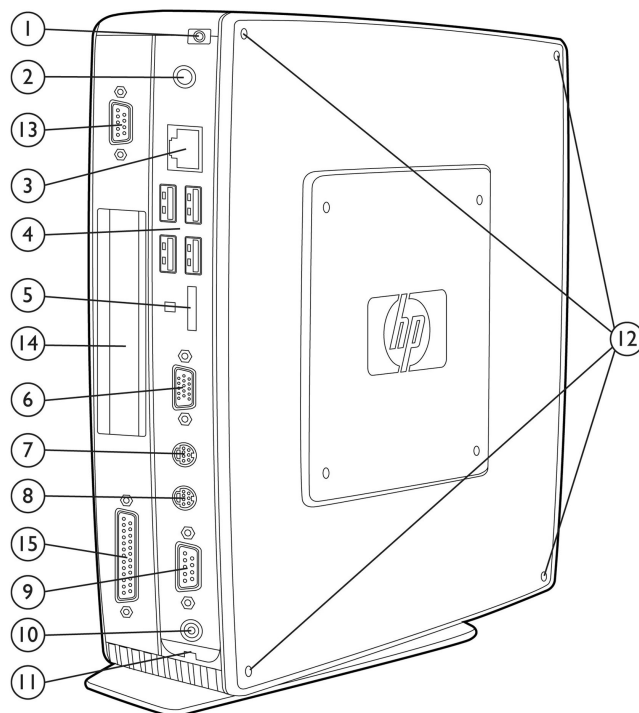13. Second serial connector
14. PCI/PCIe slot access
15. Parallel connector

At A Glance

Hardware features:

- Intel Atom N280* processor, with Intel GL40 chipset *Intel's numbering is not a measurement of higher performance.
- 1or 2 GB flash memory provides ample storage for drivers and applications
- 1 or 2 GB DDR3/667MHz system memory (64 MB minimum reserved video)
- Available empty DDR3 SO-DIMM slot (and RAM upgrade options) for dual-channel system memory expansion
- 8 USB 2.0 ports
- Secure USB compartment is ideal for protecting USB wireless and USB Flash
- Legacy support includes parallel (via Expansion Module), serial, and PS/2 connections
- Dual monitor support options (VGA plus DVI-D through optional adapter)
- Optional Expansion Module with PCI-E X4 or PCI slot for installing a wide range of devices (includes a parallel and second serial port)
- Additional SATA II connector for adding optional secondary solid state Flash drive (16 GB available)

Software features:

- HP ThinPro operating system provides a single console interface for dashboard visibility to all user and administrative touch points with user and administrator logins for added security.
- HP ThinPro supports modular software updates that can be applied remotely over the network with less bandwidth overhead. This type of update mechanism also improves HP's ability to deliver time to market client-side updates from third party software partners such as Citrix, VMware and Quest.
- HP EasyConfig wizard guides administrators through one time setup and deployment, reducing the need for lengthy documentation
- ICA and RDP support for accessing Windows and Citrix resources
- VDI broker support includes VMware Horizon View, Citrix XenDesktop (with CDA mode utility), Quest vWorkspace LeoStream, HP Session Allocation Manager (SAM)
- Native HP TeemTalk terminal emulation suite and local XDMCP/X.11 for accessing legacy application resources such as mainframes and mid-range servers or Unix/Linux X-window environments
- Enhanced multimedia and USB redirection support
  - HP RDP Multimedia & USB Enhancements software
  - Citrix HDX MediaStream and Plug-n-Play
  - HP Remote Graphics Software (RGS) with USB redirection support
- HP Device Manager simplifies visibility and management for small and large thin client deployments scattered across multiple subnets and NATed environments
- The t5745 expands manageability support to include server class tools that can be used to discover, asset, shadow, configure and update a mixed environment of thin clients and PCs, i.e. HP Client Automation & Alteris (Altiris DS license not included)
- Local HP ThinState allows administrators to capture a configuration profile or complete image from any t5745 and save it to a USB key or an HP ezUpdate repository.
- Native HP ezUpdate support enables stateless configuration inheritance with a local caching option for zero touch

Overview

administration and reduced overhead. This tool automates network rollouts of configuration changes, low bandwidth Add-ons (modular software updates) and image updates.
- Client Aggregation Support for controlling up to 4 devices with one keyboard and mouse, practical for expanding visible desktop real estate across multiple monitors (see administration guide for more details)
- Improved Quality of Experience for End User using HP Velocity
  - Available only on HP thin clients
  - HP Velocity enables IT managers to monitor network activity and optimize end-user experience
  - HP Velocity intelligently reduces network packet loss and retransmissions providing a better experience for the end user

Warranty:

- Protected by Hewlett-Packard Services, including a limited three-year mail-in warranty (certain restrictions and exclusions apply)

Standard Features - Models

Standard: VU903AA#ABA **Smart Buy:** VU903AT#ABA	**Model Name**	HP t5745 Thin Client
	Processor/Chipset	Intel Atom N280* 1.66 GHz/GL40 chipset *Intel's numbering is not a measurement of higher performance.
	Operating System	HP ThinPro
	Storage	1 GB Flash
	Memory	1 GB DDR-3 SODIMM **NOTE:** 64 MB min. reserved for video
	Graphics	Intel GL40 graphics
	Client-Side Management Support	HP ThinState for image capture and redeploy ezUpdate for image/configuration inheritance HP Device Manager Agent HP Client Automation agent
	Keyboard	USB or PS/2 (varies by region)
	Mouse	USB or PS/2 (varies by region)

Standard: VU908AA#ABA **Smart Buy:** VU908AT#ABA	**Model Name**	HP t5745 Thin Client
	Processor/Chipset	Intel Atom N280* 1.66 GHz/GL40 chipset *Intel's numbering is not a measurement of higher performance.
	Operating System	HP ThinPro
	Storage	2 GB Flash
	Memory	2 GB DDR-3 SODIMM **NOTE:** 64 MB minimum reserved for graphics memory.
	Graphics	Intel GL40 graphics
	Client-Side Management Support	HP ThinState for image capture and redeploy ezUpdate for image/configuration inheritance HP Device Manager Agent HP Client Automation agent
	Keyboard	USB or PS/2 (varies by region)
	Mouse	USB or PS/2 (varies by region)

Options

	NOTE: Optional accessories are available as separate purchase.	Part Number
Accessories	HP t5740/t5745 PCIe x4 / PCI Expansion Module[8]	AZ551AA
	HP Quick Release Kit	EM870AA
	HP Integrated Work Centre Stand	GN783AA
	HP/Kensington Cable Lock	PC766A
	65 Watt External Power Supply replacement	AZ552AA
Communications	HP Neoware US/AP USB Wireless Adapter[3]	AK256AA
	(US only; not certified for use in Latin America or Canada)	
	(Asia/Pacific: Taiwan, Australia, Malaysia, Singapore, Indonesia, Philippines)	
	Security: WEP except 256-bit, WPA and WPA2 only	
	HP Neoware EMEA USB Wireless Adapter[3]	AK257AA
	(EMEA; not certified for use in Russia or Belarus)	
	Security: WEP except 256-bit, WPA and WPA2 only	
	Cisco Aironet 802.11a/b/g Wireless PCI Adapter[4]	AIR-PI21AG-A-K9
	Allied Telesis PCIe x1 Fast Ethernet Fiber Network Interface Card[4]	AT-2711FX
	Allied Telesis PCI-e x1 Gigabit Fiber Network Interface Card[4]	AT-2972SX
Input Devices	HP PS/2 Standard Keyboard	DT527A
	HP USB Standard Keyboard	DT528A
	HP USB Smartcard Keyboard	ED707AA
	HP PS/2 2-Button Optical Mouse	EY703AA
	HP USB 2-Button Optical Scroll Mouse	DC172B
Monitors[5]	HP L5009tm Touchscreen Monitor	VK202AA
	ELO Touch 1529L Flat Panel – USB/serial combo[4,6]	E926109
Graphics	HP DisplayPort to DVI-D Adapter	FH973AA
		FH973AT
Storage	HP 16GB SATA II IDE Solid State Flash Drive (for secondary storage)[7]	AZ550AA
	HP USB External CD/DVD R/RW Drive (read only support)	FS943AA
		FS934UT
	Apacer 4GB AH522 USB 2.0 Flash Drive[2]	91.HDE2S.HP00C
Memory	1GB DDR3 SO-DIMM Memory Upgrade Kit (1 x 1 GB)	AZ548AA
	2GB DDR3 SO-DIMM memory Upgrade Kit (1 x 2 GB)	AZ549AA
Security	HP USB Smartcard Keyboard	ED707AA
	SCM USB Smart Card Reader SCR331[4]	904054
	HP Keyed Cable Lock (BFR/PVC free)	BV411AA

Options

Care Pack Services[9]	9x5 Next-Business-Day Advanced Exchange - 3 Years	331653-001; U4847E[10]
	9x5 Next-Business-Day On-Site Coverage - 3 Years	331655-001; U4849E[10]
	Hardware Installation	331686-001; UJ865E

[3]Wireless functionality is not supported for roaming environments. Thin client must be stationary for wireless device to properly function. A standard WLAN (Wi-Fi) infrastructure with wireless access points is required and is not included.

[4]Option, drivers, and support are available directly from third party.

[5]Drivers must be installed. For a complete list of monitors compatible with HP thin clients, it is important to cross-reference the supported video resolutions of the HP thin client to the supported resolutions of the monitor. Most HP monitors have one or more supported resolutions that match HP thin client products.

[6]Only serial is supported.

[7]The 16GB SATA module should not be used with the HP PCIe/PCI Expansion Module. The secondary storage drive is not supported as a primary boot drive for the thin client OS image or in a hardware or software RAID configuration. Remote Management tools may manage content on the secondary storage drive, but cannot be used to install the thin client OS image onto this drive. Additional HP OS Image tools including but not limited to ThinState Capture, RAMDisk Manager, and the write filters will not function or support the secondary storage drive. Pagefiles are not supported in a primary or secondary drive environment.

[8]The PCIe/PCI Expansion Module should not be used if the HP 16GB SATA module is installed.

[9]Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Restrictions and limitations apply. For details, visit: www.hp.com/go/carepack.

[10]U4847E is available in all regions; U4849E is available in Latin America and Asia-Pacific/Japan.

Technical Specifications

Memory Configurations

Flash Memory	Memory Slot 1 (DDR-3)	Memory Slot 2 (DDR-3)
1 GB	1 GB	Empty
2 GB	2 GB	Empty

Processor	Intel Atom N280 1.66 GHz	
Memory	**Storage**	1 or 2 GB Resident Flash or Up to 4 GB Flash for boot drive
	Memory	GB DDR-3 SODIMM in standard configurations (up to 8 GB supported)
		NOTE: MB minimum reserved for video (Intel GL40 chipset dynamically allocates video memory)
Graphics	Intel GL40 graphics with support for two high-resolution monitors up to 2048 x 1536, or up to 32 bit colour depth*	
	Client Aggregation Support for controlling up to 4 devices with one keyboard and mouse, practical for expanding visible desktop real estate across multiple monitors (see administration guide for more details)	

Mode	Colour depth	Refresh rate
640 x 480	8/16/32bit	60, 72, 75, 85
800 x 600	8/16/32bit	60, 75, 85
1024 x 768	8/16/32bit	60, 70, 75, 85
1280 x 720	8/16/32bit	60, 75, 85
1280 x 768	8/16/32bit	60, 75, 85
1280 x 1024	8/16/32bit	60, 75, 85
1400 x 1050	8/16/32bit	60, 75, 85
1440 x 900	8/16/32bit	60, 75, 85
1600 x 1200	8/16/32bit	60, 75 ,85
1680 x 1050	8/16/32bit	60
1920 x 1080	8/16/32bit	60, 75, 85
1920 x 1200	8/16/32bit	60, 75
2048 x 1536	8/16/32bit	60

* This table represents a sample of possible modes that this controller is capable of displaying but various factors such as the capability and EDID info returned by the attached monitor, the interface used (D-SUB/DisplayPort or optional DVI-D/D-SUB with dongle), and dual monitor mode may limit the availability of modes, colour depth, and or refresh rate.

Input/Output/ Peripheral Support	**Keyboard**	USB or PS/2 (varies by region)
	Mouse	USB or PS/2 (varies by region)
	Printer	Local and/or network printers (RDP, ICA, LPD)
	Video	Intel GL40 graphics
	I/O Ports	Eight USB 2.0 ports (two in front, four in rear, two in secure USB compartment), 1 VGA, 1 DisplayPort, 2 PS/2, 1 serial, 1 RJ-45, and 1 optional Expansion Module with X4 PCI-EI or PCI slot, also including 1 parallel and second serial port

Technical Specifications

Networking	10/100/1000 Gigabit Ethernet (RJ-45)
	IPV6 Capable
	DHCP or Static IP support
	Wake on LAN (WOL)
	PXE
Security Features	Secure USB compartment with 2 USB 2.0 ports
	Security lock slot (cable lock sold separately)
	Smartcard support via PCSC Lite Framework & CCID Driver
	User and Administrator logins for greater content control
	Read-only operating system
	Stateless security mode (requires quick and easy setup to enable)
Operating System	HP ThinPro
Server OS Compatibility	Citrix XenApp 4.5 and 5.0
	Citrix XenDesktop 3 and 4
	Citrix Presentation Server 4.0 and 4.5
	Windows Server 2008 Terminal Services
	Windows 2000/2003 Terminal Server families
	VMware Horizon View Manager 4 using RDP & VMware PCoIP Soft
	Unix/Linux Servers (XDMCP/X.11 for X Windows)
	Mainframes & Mid-Range Servers (see emulations below)
User Interface Language Support	Preinstalled: English, French, German, Spanish, Japanese, Simplified Chinese
	NOTE: Languages are selectable from the HP ThinPro Control Panel or EasyConfig wizard
VDI Broker Support	XenDesktop/PNagent (also applicable for XenApp)
	Full screen Citrix Desktop Appliance (CDA) mode
	VMware Horizon View Manager 4 & VMware PCoIP Soft
	Leostream Desktop Connection Broker
	vWorkspace 6 (Quest)
	HP Session Allocation Manager (SAM)
	NOTE: Broker features for ThinPro OS may vary from other HP products
Local Web Access	Iceweasel 3 with Sun JRE 1.6 (Java) & ePDFview (PDF Viewer)
Legacy Host Access Support	HP TeemTalk 7 Terminal Emulation Suite (see list of emulation below)
	XDMCP (X.11) for X-window applications
	SSH, Telnet & Custom Connections
Multimedia & USB Redirection Support	HP RDP Multimedia & USB Enhancements (multimedia & USB redirection)
	Citrix HDX MediaStream (multimedia redirection)
	Citrix HDX Plug-n-Play (USB redirection)
	HP Remote Graphics Software (RGS) with USB redirection support

Premium Multimedia Experience

Bit Rate	Up To 6,000 kbps
Windows Size	920x1440
Network Latency <10 ms (100 Mb LAN)	>15 fps, smooth video/audio synchronization
Network Latency <50 ms (10/100 Mb WAN)	>15 fps, smooth video/audio synchronization

Technical Specifications

Network Latency <90 ms (1.5 Gb VPN)	>15 fps, smooth video/audio synchronization
Video Codecs (Pack 1 – Preinstalled)	MPEG 1, WMV 7/8/9
Audio Codecs (Pack 1 – Preinstalled)	MP3, WMA, ALAW, MULAW
OPTIONAL (requires purchase from HP Software Depot):	
Video Codecs (Pack 2)	MPEG 2, MPEG 4, H2.64, DivX, Xvid
Audio Codecs (Pack 2)	AAC, AC3
Flash Option Pack	Flash Redirection

Device Management Support

- HP ezUpdate – Image/configuration inheritance
  - Stateless Security Mode: Automates profile deployment and minimizes proliferation of critical network access data
  - Persistent Mode: Automates profile deployment and minimizes dependency on centralized profile repository by storing profile locally for continued, or persistent use
  - Local Mode: Practical for administrators to create or edit master (corporate) profile, or to establish settings for users with unique access requirements, or for configuring devices in small (single digit) deployments with low touch administration
- HP ThinState – Capture master (corporate) image & port to USB or ezUpdate repository
- HP Device Manager – Simplifes visibility and management for small land large thin client deployments networked across multiple subnets and NATed environments
- HP Client Automation – Provides visibility and control of mixed environments of HP thin clients and HP PCs
- Altiris support for managing mixed environments of HP and non-HP desktop environments (no Altiris license included)
- VNC – Remote shadowing
- No waiting, modular software releases for low bandwidth component updates. Allows HP to quickly deliver critical client side updates from strategic third parties in-between schedule software releases.
- Debian Package Manager with Simplified GUI

See www.hp.com/support for more detail and the most up to date list of add-ons

Dimensions HxWxD (approximate)	**Without stand**	10.04 x 1.73 x 8.74 in (255 x 44 x 222 mm)
	With stand	10.39 x 1.73 x 8.74 in (266.7 x 44 x 222 mm)
	With Expansion Module	10.04 x 2.91 x 8.74 in (255 x 74 x 222 mm)
Weight (approximate)	**With stand**	3.48 lb (1.58 kg)
	With Expansion Module	4.14 lb (1.88 kg)
Environmental	**Temperature range**	Operating: 50° to 104° F (10° to 40° C)
		Operating, using Quick Release with a flat panel monitor: 50° to 95° F (10° to 35° C) Operating, using PCI Expansion Unit: 50° to 104° F (10° to 40° C)
		Non-operating:-22° to 140° F (-30° to 60° C)
		NOTE: Specifications are at sea level with altitude derating of 1° C/300m (1.8° F/1000ft) to a maximum of 3 Km (10,000 ft), with no direct, sustained sunlight. Upper limit may be limited by the type and number of options installed.

Technical Specifications

	Humidity	20% to 80% condensing 10% to 90% non-condensing
	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.
Regulatory Compliance	**Ergonomics**	German ZH1/618; EN29241-3, approved
	Safety	UL 1950, CSA 950; TÜV-GS (EN60 950) approved
	RF Interference	FCC Class B; CE Mark; EN55022B; VCCI
Warranty	Three-year limited hardware warranty.	
	NOTE: Certain restrictions apply. Consult the HP Customer Support Centre for details.	

Emulations	**Emulation**	**Terminal ID**
	ADDS A2	
	AIXTerm	
	ANSI BBS	
	AT 386	
	ATT4410	
	DG 410/412	
	HP 700-92/96	70092, 70094, 70096, 2392A, 2622A
	HZ1500	
	IBM3151	Mod11, Mod31
	IBM3270	3278-2 (24x80), 3278-3 (32x80), 3278-4 (43x80), 3278-5 (27x132), 3278-2-E (24x80), 3278-3-E (32x80), 3278-4-E (43x80), 3278-5-E (27x132), 3279-2 (24x80), 3279-3 (32x80), 3279-4 (43x80), 3279-5 (27x132), 3287-1
	IBM5250	5291-1, 5292-2, 5251-11, 3179-2, 3196-A1, 3180-2, 3477-FC (27x132), 3477-FG (24x80), 3486-BA, 3487-HA, 3487-HC, 3812-1
	SCO Console	
	Stratus V102	
	TA6530	
	TVI910	
	TVI920	
	TVI925	
	TVI950	
	TVI955	
	VT52, VT100, VT100+, VT500 (7- or 8-bit)	VT100, VT101, VT102, VT125, VT131, VT132, M2200, VT220, VT240, VT320, VT340, VT420, VT510, VT520, VT525
	VT HP220, VT UTF8	VT100, VT101, VT102, VT125, VT220, VT240, VT320, VT340, VT420, VT131, VT132, M2200, VT510, VT520, VT525
	VT PCTerm	
	Wyse PCTerm	
	WY50	
	WY50+	
	Y60	

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 for registration status by country

Energy Consumption	**115 VAC**	**230 VAC**	**100 VAC**
Idle State:	10.53 W	10.59 W	10.4 W
Off Mode:	0.51 W	0.30 W	0.51 W

NOTE: This product is in compliance with US executive order 13221, WOL (wake on LAN) 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*	**115 VAC**	**230 VAC**	**100 VAC**
Idle State:	36.13 BTU/hr	35.93 BTU/hr	35.49 BTU/hr
Off Mode:	1.74 BTU/hr	1.02 BTU/hr	1.74 BTU/hr

* 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.

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

Recycled material	**Product**	• This product contains 0% recycled materials (by weight). • This product is over 95% (by weight) recyclable when disposed of properly at end of life.
	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

Technical Specifications – Environmental Data

regulatory limits (refer to the HP General Specification for the Environment at: 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 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

Technical Specifications – Environmental Data

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