

# HP Thin Client 2010

## Channel sales cheat sheet

Quickly find information about HP Thin Clients.



### HP Thin Client Portfolio

#### Compatibility

	Essential		Mainstream			Flexible		Performance		Mobile	
	HP t5325	HP t5145	HP t5540	HP t5545	HP t5630w	HP t5740	HP t5745	HP gt7725	HP gt7720	HP 4410t	
<b>Software</b>											
Operating system	HP ThinPro	HP ThinConnect	Microsoft® Windows® CE 6.0	HP ThinPro	Microsoft Windows Embedded Standard 2009	Microsoft Windows Embedded Standard 2009	HP ThinPro	HP ThinPro GT	Microsoft Windows Embedded Standard 2009	Microsoft WES (preinstalled) Microsoft XPe SP3 (Web)	
ICA/RDP clients	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Web browser	Iceweasel	No	IE for Windows CE <sup>2</sup>	Iceweasel	IE 7	IE 7	Iceweasel	Iceweasel	IE	IE	
Terminal emulation	No		HP TeemTalk	HP TeemTalk	HP TeemTalk	HP TeemTalk	HP TeemTalk	HP TeemTalk	HP TeemTalk	HP TeemTalk	
Management software included	Multiple options		Multiple options	Multiple options	Multiple options	Multiple options	Multiple options	Multiple options	Multiple options	Multiple options	
<b>Connection broker support (virtual desktop environments)</b>											
VMware View 3.0	Pre-installed <sup>1</sup> & Certified		Certified HP add-on <sup>1</sup> View 3.0 <sup>3</sup>	Pre-installed <sup>1</sup> & Certified	Certified <sup>3</sup>		Certified HP add-on View 3.0	Certified HP add-on View 3.0	Certified	Certified	
VMware View 3.1	Pre-installed <sup>1</sup> & Certified		Certified HP add-on <sup>1</sup> View 3.1	HP add-on	Certified <sup>4</sup>		Pre-installed	HP add-on	Certified <sup>4</sup>	Pre-installed and Certified	
Citrix DDC via Citrix PNagent or Web browser	Pre-installed w/CDA mode utility	Pre-installed	Pre-installed	Pre-installed w/CDA mode utility	Pre-installed		Pre-installed with CDA mode utility	Pre-installed (CDA mode add-on)	Pre-installed	Pre-installed	
Quest Provision broker	Pre-installed <sup>1</sup>		No	Pre-installed <sup>1</sup>	Avail from vendor site		Pre-installed	Pre-installed <sup>1</sup>	Avail from vendor site	Avail from vendor site	
Quest vWorkspace broker	Pre-installed	No	No	No	Avail from vendor site		Pre-installed	No	Avail from vendor site	Avail from vendor site	
Leostream	Pre-installed <sup>1</sup>		HP add-on <sup>1</sup>	Pre-installed <sup>1</sup>	Avail from vendor site		Pre-installed	Pre-installed <sup>1</sup>	Avail from vendor site	Avail from vendor site	
HP SAM 2.3	No	Pre-installed <sup>1</sup>	No	Pre-installed <sup>1</sup>	HP add-on		Pre-installed	HP add-on	Pre-installed	Pre-installed	
<b>Multimedia enhancements and USB support</b>											
HP RDP Multimedia and USB Enhancements (for MS Terminal Services and VMware View)											
Client available	No	No	No	Pre-installed	Pre-installed		Pre-installed	HP add-on	Pre-installed	Pre-installed	
HP RGS 5.2											
Client available	No	No	No	Pre-installed	Pre-installed		RGS 5.3 Pre-installed	Pre-installed	Pre-installed	Pre-installed	
Citrix HDX / Speedscreen											
HDX MediaStream (multimedia redirect)	Pre-installed	No	No	HP add-on Dec 2009	Pre-installed		Pre-installed	Pre-installed 2CQ '10	Pre-installed	HP add-on	
HDX Plug-n-Play (USB redirection)	Pre-installed	No	No	Pre-installed 1H2010	Pre-installed		Pre-installed	Pre-installed 2CQ '10	Pre-installed	HP add-on	
<b>Hardware specifications</b>											
Processor and memory											
Processor	Marvell ARM (1.2 GHz)	VIA Eden 500 MHz	VIA Eden 1 GHz	VIA Eden 1 GHz	VIA Eden 1 GHz	Intel Atom N280 1.66 GHz	Intel Atom N280 1.66 GHz	AMD Turion™ Dual Core 2.3 GHz <sup>5</sup>	AMD Turion Dual Core 2.3 GHz <sup>5</sup>	Intel® Celeron® 575 2.0 GHz	
Standard Flash/RAM <sup>6</sup>	512/512 MB	128/512 MB	128/512 MB	512/512 MB	2 GB/1 GB	Up to 2 GB/2 GB	1 GB/1 GB	1 GB/ 2 GB	2 GB/2 GB	Up to 2 GB/Up to 3 GB	
Video and audio (All HP desktop thin clients support widescreen resolutions, touchscreen, and headphone/MIC.)											
Maximum resolution <sup>7</sup>	1600x1200	2048 x 1536	1920 x 1440	2048 x 1536	1920 x 1200	1920 x 1200	1920 x 1200	2560 x 1600 dual; 1920 x 1200 quad	2560 x 1600 dual	1366 x 768 (internal) up to 1600 x 1200 (VGA external) up to 1920 x 1080 (HDMI external)	
Multi-monitor support <sup>8</sup>	Single: DVI-I or VGA with provided adapter	Dual: DVI-D and VGA	Dual: DVI-D and VGA	Dual: DVI-D and VGA	Dual: DVI-D and VGA	Dual: DVI-D and VGA	Dual: VGA and DisplayPort	Dual: VGA and DVI-D through provided adapter	Dual: DVI-I + DDVI-D Quad: +2 x DVI-I	Dual: DVI-I + DVI-D	Yes (VGA & HDMI)
Networking											
Ethernet	10/100	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	
Integrated wireless <sup>9</sup>	No	No	No	No	No	802.11 a/b/g/n (select models)	No	No	No	802.11 a/b/g/n 802.11 b/g	
I/O and expansion											
Serial/Parallel/PS2/USB/Slot-expansion options	0/0/0/4/none	1/1/2/6/none	1/1/2/6/none	1/1/2/6/none	1/1/2/6/none	1/0/2/8/none (with Expansion Module: 2/1/2/8/PCIe or PCI)	1/0/2/8/none (with Expansion Module: 2/1/2/8/PCIe or PCI)	1/0/2/8/none (with Expansion Module: 1/0/2/8/PCIe)	1/0/2/8/none (with Expansion Module: 1/0/2/8/PCIe)	0/0/0/4/Express Card	

# Why HP thin clients?

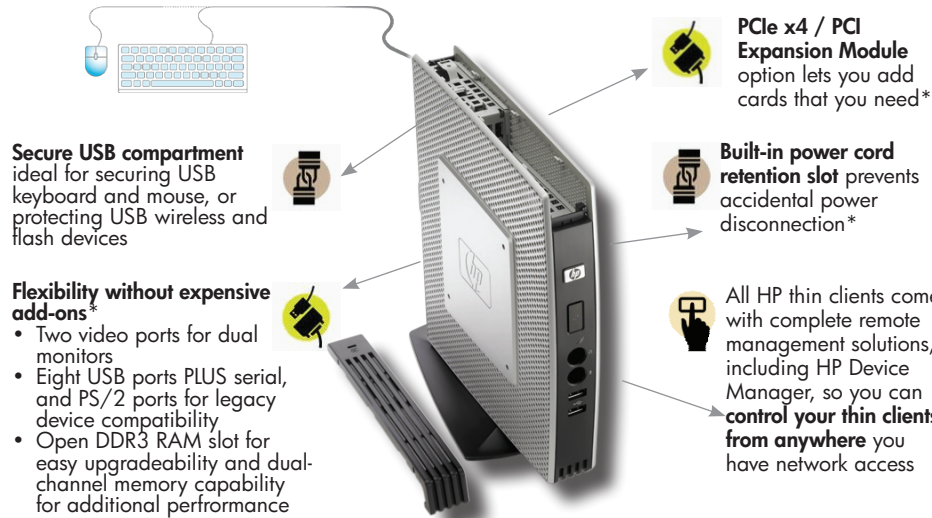
## Choices for thin client management

Each thin client deployment is different; so HP offers one of the broadest choices of management solutions on the market. From small and medium-size businesses (SMB) to enterprise, we have the right management solution for your clients' environment.

- HP ThinState—practical cloning tool, exclusively from HP, unmatched on the market
- HP Device Manager—easy to use, highly secure and comprehensive thin client management solution
- Altiris Deployment Solution—the industry's most robust enterprise class management software providing centralized management through one console
- HP Client Automation—end-to-end HP management solution for thin clients, desktop PCs and blade PCs

Note: Support varies by model. Check product QuickSpecs for details.

## Enhanced design



**Secure USB compartment** ideal for securing USB keyboard and mouse, or protecting USB wireless and flash devices

### Flexibility without expensive add-ons\*

- Two video ports for dual monitors
- Eight USB ports PLUS serial, and PS/2 ports for legacy device compatibility
- Open DDR3 RAM slot for easy upgradeability and dual-channel memory capability for additional performance

\*These features are exclusively found on HP t5740 and t5745 models

## HP Integrated Work Center solution

HP offers a variety of optional products (each sold separately) designed to complement our monitors, enhance the overall computing experience and make the most efficient use of space-constrained environments.

- Integrated HP Quick Release and mounting plate helps simplify assembly.
- Modular design allows for monitor and thin client to be independently removed from complete system.
- Full range of tilt, swivel and height adjustment settings helps users find a comfortable viewing position.
- Cable management solution neatly conceals all cables from view.
- Compatible with select 17-, 19- and 22-inch diagonal HP LCD monitors.

Note: Not for use with HP gt7720 and gt7725 models.

## Sell to vertical markets.

### HP thin clients for Education allow you to:

- Upgrade to an affordable, built-to-last, energy-efficient system using existing IT assets.
- Reduce cable requirements with a wireless client model.
- Port over current educational applications and swap units without specialized support; allowing you to focus on teaching, not troubleshooting.
- Increase student engagement and time on task with sound 1:1 computing solutions.

### HP thin clients for Finance allow you to:

- Provide data centers with enhanced security features for data storage, backups and archiving.
- Handle custom and media-rich applications.

- Enhance productivity with multi-monitor capability and optimized, energy-efficient performance.
- Expand global support for global operations, and use stateless clients for current call centers.

### HP thin clients for Healthcare allow you to:

- Work effectively in a limited space with a small footprint client.
- Mount client wherever you are; release quickly for easy portability.
- Stay connected while "on the go" with wireless access, touchscreens, custom interfaces and mobile options.
- Provide data centers with enhanced security features for record retention, backups and archiving.
- View and access more information with dual monitor support...right out of the box.

## Environmental commitment

HP delivers energy-efficient products, solutions and services. Whenever possible, HP is committed to using environmentally sound materials in products and packaging. We also offer responsible and convenient reuse and recycling services.

- All HP Essential, Mainstream, and Flexible Series thin clients are ENERGY STAR® qualified and EPEAT® registered (see QuickSpecs for detailed information by model.)
- Thin clients offer up to 80 percent power savings<sup>10</sup> over traditional desktop PCs with similar capabilities.
- Power-efficient thin clients need less air-conditioning.
- With no hard drives, thin clients have lower failure rates compared to equivalent PCs so

they have much longer lifecycles.

- Thin clients meet Restriction of Hazardous Substances (RoHS) compliance.
- All HP thin clients are at least 90% recyclable by weight.
- No ozone-depleting substances are used in packaging material.
- All HP thin client packaging is 100% recyclable.
- With HP Advanced Unit Exchange program, failed thin clients are shipped back to HP for refurbishing or recycling.
- Our hardware return and recycling program, Planet Partners™, operates in more than 40 countries, regions and territories worldwide.

## HP leadership

To help your customers better understand our industry-leading thin client management solutions, visit the HP Partner Portal at [www.hp.com/partners/us](http://www.hp.com/partners/us) to arm yourself with more information. Once there, search for New Business Opportunity (NBO) programs and trade-in Information, thin client specific promotion information, and Sales Promotion Incentive Fund (SPIF) information.

Let HP help you make more money for the time you spend helping your customers get the best desktop devices for almost any virtualization scenario. Your customers will be delighted, and you will be, too.

### Footnotes

1. Broker client supports limited feature set (compared to a full-featured broker client from VMware or from third-party vendor or HP SAM broker client).
2. Internet Explorer for Windows CE is different from full PC versions and should be tested for functional compatibility in the customer environment.
3. VMware certified 3.0 using Windows XP SP2.
4. VMware certified 3.1 using Windows XP SP3.
5. This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Dual/quad/triple-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary.
6. 64 MB memory reserved for video.
7. The resolutions your monitor displays and the multi-display modes (i.e., clone, spanning, extended/independent supported in ICA, RDP, or locally) may vary.
8. Number of monitors supported varies by model.
9. Wireless access point and Internet service required and is not included.
10. Based on calculated power consumption comparisons of HP t5235 plus HP ProLiant servers for 1,000 users at 190 light-duty users per server compared to a conventional PC as defined by ENERGY STAR's Carbon Calculator.

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