HP t420 Thin Client

Do more with the HP t420 Thin Client, an affordable cloud computing solution that delivers trustworthy reliability and easy deployment and use.

More bang for your buck
- Get your choice of essential operating systems, support for VoIP with Microsoft Lync[1] Unified Communications tools, and value-added integrated software from HP that helps you deploy, manage, and optimize your new systems.

Solid reliability
- Plan ahead with reliable flash memory storage and a fan-less design for ultra-quiet deployments. Choose a Global Series model and custom image to help ensure worldwide consistency. Rest easy with a two-year lifecycle and three-year limited warranty.

Place it where you need it
- Install throughout your business—the modern 0.88 liter form factor complements and fits into a range of compact work spaces, and the integrated VESA mount enables mounting on a flat surface, or directly behind an HP ProDisplay.[2]

Easy customization
- Tailor your installation with the OS of your choice—HP Thin Pro, HP Smart Zero, or Windows Embedded Standard 7E. Enjoy simplified setup, deployment, and maintenance with HP Device Manager, a software tool available exclusively for HP Thin Clients.

Additional features
- Attach your HP Thin Client to the back of an HP ProDisplay, or bundle with a display and HP IWC Stand.[2]
- Pick the network connection technology that's best for you with Gigabit Ethernet and support for 802.11n Wi-Fi.[3,4]
- Reduce power consumption and help lower your costs with an energy-efficient design.
- Enjoy your everyday Microsoft Lync productivity tools.[1]
- Get right to work with the business-class USB keyboard and mouse.
- Let HP customize your thin clients with your choice of branding, applications, GUI, hardware compatibility, and more.[5]
- Simplify your HP Thin Client Windows Embedded user experience with HP Easy Shell's customized interface and protection for targeted cloud control.

HP t420 Thin Client Specifications Table

Available Operating Systems	Windows Embedded Standard 7E 32 HP ThinPro 32 HP Smart Zero Core 32
Browser	Mozilla Firefox 32 (for models with HP Smart Zero Core or HP ThinPro); Internet Explorer 10 (for models with Microsoft Windows Embedded 7E)
Available Processors	AMD Embedded G-Series GX-209JA SOC (1 GHz, 2 cores) [1]
Maximum Memory	2 GB DDR3L SDRAM [2] (Transfer rates up to 1066 MT/s)
Internal Storage	up to 8 GB or 16 GB MLC flash memory
Available Graphics	Graphics integrated on processor
Audio	3.5 mm stereo socket on front panel marked as a headset port. Supports OMTP and CTIA headsets. [4]
Display Support	The use of dual displays attached to models configured with the Microsoft Windows Embedded Standard 7E operating system is not recommended due to the system's limited SDRAM. Less than optimal performance from the thin client and the displays could be experienced.
Communications	LAN: Integrated Gigabit Ethernet WLAN: Broadcom 802.11n 2x2 WiFi Network Interface with Bluetooth® (optional)[3]
Protocols	Citrix® HDX; Citrix® ICA; Microsoft RDP; Microsoft RemoteFX (RFX); VMware® Horizon View™ through PCoIP; VMware® Horizon View™ through RDP (Protocols are dependent on operating system installed)
Input Devices	HP USB Standard Keyboard; HP USB CCID Smartcard Keyboard [5]; HP USB Optical Mouse [5]
Ports and Connectors	Front: 2 USB 2.0; 1 headset Back: 2 USB 2.0; 1 RJ-45; 1 DVI-D; 1 VGA
Dimensions	180 x 140 x 35 mm
Weight	0.74 kg Weight will vary depending on configuration
Software	HP Device Manager; HP ThinState; HP ThinUpdate; HP Smart Zero Client Services; Microsoft SCCM/EDM Agent; HP Connection Manager; HP Easy Shell [8]
Power	45 W, worldwide auto-sensing, 100-240 VAC, 50-60 Hz, energy saving automatic power-down, surge tolerant external adapter
Environmental	Low halogen [7]
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered [6]

HP t420 Thin Client

Accessories and services (sold separately)

HP Quick Release Bracket

A secure and easy-to-use mounting solution for your VESA-compliant HP thin clients, compatible HP flat panel monitors and other HP desktop products. Attach to any a compatible stand, bracket or wall mount and make the most of your workspace.
Product number: EM870AA

HP Integrated Work Center for Desktop Mini and Thin Client

Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display with an HP Desktop Mini, HP Thin Client or HP Chromebox and giving you convenient front access to all of its inputs.
Product number: G1V61AA

HP Wireless Keyboard and Mouse

The HP Wireless Keyboard and Mouse places advanced functionality and ease of operation at your fingertips. Stop hiding wires and regain a clutter-free work space with a cordless keyboard, cordless laser mouse and USB wireless receiver in a single package – built with the environment in mind.
Product number: QY449AA

HP 5-year Next Business Day Thin Client Only Hardware Support

Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.
Product number: U7933E

Messaging Footnotes

[1] 1 Microsoft Lync for VDI 2013 plug-in recommended with Windows Embedded Standard. Citrix HDX RealTime Optimization Pack for Microsoft Lync is recommended with HP ThinPro and Smart Zero. All Unified Communications solutions are licensed, distributed, and supported by Unified Communication providers. Microsoft Lync for VDI is distributed by Microsoft Corporation. Citrix HDX RealTime Optimization Pack for Microsoft Lync is distributed by Citrix Systems, Inc.
[2] Each sold separately.

[3] Optional feature sold separately or as add-on feature.
[4] Wireless access point and internet service required. Availability of public wireless access points limited.
[5] Minimum purchase required and service fee may be applicable. See product QuickSpecs for exact details.

Technical Specifications Footnotes

[1] Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance will vary.
[2] Graphics chipset uses part of the total system memory (RAM) for graphics performance. System memory dedicated to graphics performance is not available for other use by other programs.
[3] 802.11 is an optional or add on feature. Use of Wi-Fi module requires WiFi access point and Internet service. Availability of public WiFi access points is limited.
[4] This product does not include an internal PC speaker. All audio must be produced using peripheral devices, i.e. headsets, headphones, speakers, connected to the system through the 3.5 mm headset jack.
[5] Optional or add-on feature
[6] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
[7] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
[8] HP ThinUpdate available as an add-on only for configurations using Windows Embedded operating systems.

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4AA5-7802EEAP, APJ, September 2016