HP Elite t755 Thin Client

Optimal thin client performance, reliability, and security

Enable productivity with the performance and reliability of the HP Elite t755 Thin Client, featuring advanced security from both cyber- and physical-based attacks for IT peace of mind. Built to support demanding performance with the progressive 6-core 45w AMD Ryzen™ V2546 Processor[1], helping users tackle mission-critical tasks.

Unleash maximum performance.

Elevate efficiency with the progressive 45w AMD Ryzen™ V2546 Processor.[1] Optimized for mission-critical workflows, this fast-performing processor supports seamless productivity.

Comprehensive security. Inside and out

Fortify critical security apps, data, and projects at the endpoints, wiping out data after each thin client log-in session. Get advanced protection from remote cyber- and physical attacks with a read-only OS and physical intrusion detection.

Built for mission-critical work

Empower your workforce with thin clients well-equipped with industrial-grade components for reliability and longevity while delivering a seamless user and management experience. Future-ready with expanded peripheral support and device management options.



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

The HP Elite t755 Thin Client uses at least 50 percent post-consumer recycled plastics, the keycaps contain 50 percent PCR DVDs[2], and the outside box and cushions are 100 percent sustainably sourced or recycled.[3]

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Featuring

Embedded AMD Ryzen™ V2546 Processor
Power through challenging days with the AMD Ryzen™ V2546 6-Core Processor.[18] Utilize a high-performing CPU with amazing power efficiency and well-designed Radeon™ graphics[5] for productive use of embedded thin client apps.

Collaborate seamlessly
Maximize collaboration and productivity with support for multiple unified communications providers[6,7] and up to six 4k displays.[8] Choose from Zoom, Microsoft Teams, and more for robust functionality and a productive meeting experience.[6,7]

Flexible configurations
Organize your workspace with a wide variety of configuration options. Set it, mount it, stand it in up to six different orientations with a VESA® mount[9] and get seamless compatibility with select docking devices and peripherals.[10]

Support up to six UHD/4K displays
Enhance productivity working across multiple screens. The HP Elite t755 Thin Client supports up to six 4K displays[11] for stunning definition.

Neutralize threats and keep data safe and secure
Defend against cold-boot attacks with AMD Memory Guard.[12] Encrypting data as it flows between system memory and the processor helps protect from outside interlopers, isolating and protecting at the component level, offsetting threats to sensitive data.

Improve endpoint security
Securely wipe out user data, app installation, web cookies, and history on thin clients after each user log-in session with ephemeral mode.[17]

Optimize your device with a choice of ports
Configure your device and choose from a variety of useful ports with a unique flexport. Enable use of existing and new peripherals, including an external Wi-Fi antenna, Serial, VGA, HDMI, DisplayPort over USB-C®, or two USB-A 3.1 Gen 1 ports.[13]

Make IT security a breeze
Ease the burden of IT admins in Windows environments with HP ThinPro OS lockdown and HP Write Manager, a simple write filter solution that works across multiple Windows versions and helps prevent unauthorized changes to mission-critical endpoints.

Crafted for seamless collaboration
Elevate your collaboration experience with leading platforms for virtual teamwork—Zoom, Microsoft Teams, Cisco Webex, and more.[14] Efficiently navigate through projects, discussions, and presentations with enhanced clarity.

Advanced physical intrusion detection
Defend your thin client and organization's data with physical intrusion detection technology.[15] Detecting unauthorized attempts to physically access devices, access can be easily secured to protect sensitive information.

Enhanced compatibility
Make your system into a hub of connectivity and ensure your peripherals work in harmony with the latest BIOS optimizations. Open the door to broader peripheral support for the flexibility to seamlessly connect to a wide range of devices.[16]

Elevate your network protection
Expand your network's reach while maintaining strong security protocols with fiber NIC. Safeguard your data, ensure uninterrupted connectivity, and empower your organization to thrive without compromising on security.

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Technical specifications

Available Operating Systems	Windows 10 IoT Enterprise 2021 LTSC HP ThinPro IGEL OS HP Smart Zero Core
Browser	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
Available Processors[1]	AMD Ryzen™ Embedded V2546 with Radeon™ Graphics (3 GHz base clock, up to 3.95 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads)
Maximum memory	32 GB DDR4-3200 SDRAM; [3] Transfer rates up to 3200 MT/s
Memory slots	2 SODIMM
Internal storage	32 GB up to 512 GB Flash memory
Display support	Up to four displays UHD/4K with four DisplayPort™ 1.2 video outputs provided at the back of the system. Optional support for up to 6 displays using a discrete graphics card providing an additional two DisplayPort™ 1.2 video outputs at the back of the system.
Available Graphics	AMD Radeon™ RX 6300 Graphics (2 GB GDDR6 dedicated)
Audio	Internal amplified speaker system for basic audio playback
Wireless technologies	Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card; Realtek Wi-Fi 6 RTL8852CE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card[16,17]
Expansion slots	1 half-height PCIe x16 (x8)
Ports and connectors	Front: 1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate ; Back: 2 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 4 DisplayPort™ 1.2; 1 RJ-45; 1 4.5 mm power adapter; 1 security lock slot ; Optional Ports: 1 Flex I/O port; 1 PCIe® slot
Input devices	HP USB Business Slim SmartCard CCID Keyboard; HP USB 320K wired keyboard; HP 125 Wired Keyboard; HP Wired 320M Mouse; HP 125 USB Black Wired Mouse
Communications	LAN: Allied Telesis AT-2715FX LC 100FX Fiber NIC; Allied Telesis AT-2715FX SC 100FX Fiber NIC; Allied Telesis AT-2911SXa LC 1000SX Fiber NIC x1 PCIe®; Allied Teleisis AT-2911SXa SC 1000SX Fiber NIC x1 PCIe® [4,5]
Software	HP Device Manager[6,11,12,15]; HP Easy Shell[6,12,15]; HP Smart Zero Client Services[6,12,15]; HP ThinUpdate[6,8,12,15]; HP True Graphics[6,12,13,15]; Microsoft SCCM/EDM Agent[6,12,15]; HP Write Manager[6,12,15]; HP User State Tool[6,12,15]; HP USB Port Manager[6,12,15]; HP Easy Update[6,12,15]

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Protocols	Amazon WorkSpaces through PCoIP; Citrix® HDX; Citrix® ICA; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme; Remote Desktop Services Remote FX (RFX), RDP; Azure Virtual Desktop; Windows 365
Power	90 W smart external power adapter
Dimensions	1.97 x 8.26 x 8.26 in; 5 x 21 x 21 cm; (Vertical orientation.)
Weight	3 lb; 1.4 kg; (Weight will vary depending on configuration.)
Ecolabels	EPEAT® registered configurations available[7]
Energy star certified	ENERGY STAR® certified[9]

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Footnotes

Messaging Footnotes

[1] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
[2] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[3] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[5] Optional feature that must be configured at the time of purchase.
[6] Internet access required and not included.
[7] Microphone, camera, speakers, Zoom and Microsoft Teams license required and sold separately.
[8] Use of six 4K displays requires a GFX AMD RX 6300 2GB GDDR6 Graphics card, sold separately and not included.
[9] Mounting hardware sold separately.
[10] Peripherals sold separately or as optional features. Compatible with HP USB-C Dock G5, HP E24m G4 FHD USB-C Conferencing Monitor, HP E27m G4 FHD USB-C Conferencing Monitor, HP E24u G4 FHD USB-C Monitor, HP E27u G4 QHD USB-C Monitor, HP E27m G4 QHD USB-C Conferencing Monitor, HP E27u G5 QHD USB-C Monitor, HP 625 FHD Camera, HP 435 FHD Camera, Poly Blackwire C5220 USB-A, EncorePro USB-A, and Encore Pro EP525 USB-A.
[11] Four 4K displays supported. Use of six 4K displays requires a GFX AMD RX 6300 2GB GDDR6 Graphics card, sold separately and not included.
[12] AMD Memory Guard, fully system memory encryption is included and enabled on platforms with AMD Ryzen Embedded V2000 Series Processors.
[13] Port options must be configured at time of purchase.
[14] Internet access and third-party licenses required and sold separately.
[15] HP Tamper Lock must be enabled by the customer or your administrator.

Specification Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com .
[3] 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.
[4] Optional or add-on feature.
[5] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.
[6] Requires installation and download from HP.com.
[7] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[8] HP Easy Shell is currently available on HP Thin Clients with a Windows Embedded OS.
[9] Energy Star Configurations available.
[10] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
[11] Internet access required and sold separately.
[12] Requires Windows 10 IoT Enterprise LTSC 2016 or later or HP ThinPro 7.2 SP11 operating system or later on endpoint and Internet access. Visit https://www.hp.com/us-en/solutions/cloud-computing/thin-client-software.html to download or view the complete details and configuration requirements. See datasheet for feature listings as they become available at the following URL: https://www8.hp.com/h20195/v2/GetDocument.aspx?docname=c08045808 .
[13] HP True Graphics requires an HP Thin Client with an HP ThinPro 5.0 or higher operating system (combo OS with HP Smart Zero Core begins at v5.0), AMD processing technology, and a Citrix® virtual desktop infrastructure—XenApp® or XenDesktop® v7.0 or higher or WES 7E 32-bit/Windows 10 IoT with a Citrix® 4.4 receiver and Citrix® virtual desktop infrastructure—XenApp® or XenDesktop® v7.0 or higher. HP True Graphics is preinstalled on the OS starting with HP ThinPro 5.2. See product QuickSpecs for exact compatibility.
[15] Software is dependent on operating system installed.
[16] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
[17] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

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