

HP Pro t550 Thin Client

Essential virtual desktop solution

Drive productivity with the durable HP Pro t550 Thin Client, supporting VDI computing with an Intel® Celeron® J-Series processor¹, enhanced with integrated IoT features. Get increased value with a lifecycle 30 percent longer than previous generations.

Designed for a versatile workforce

Optimize workspaces with a variety of positions and mounting options for the HP Pro t550. Ensure your fleet is equipped for productivity and your teams ready to engage with a single UC system that unifies voice, video, text, and data.²

Productivity. Performance. Today and tomorrow

Intuitively share ideas and content in more engaging ways with a variety of communications channels.² Powered by the Intel® Celeron® J-Series processor¹, the t550 Thin Client delivers solid performance and IoT technology, supporting team interactivity.

Coming soon: HP Cloud Endpoint Manager

Skillfully deploy, update, and manage your growing fleet of HP Pro t550 Thin Clients with HP Cloud Endpoint Manager which features policy-driven management, real-time monitoring and alerts, and flexible deployment in the cloud or on-prem.³



*Product image may differ from actual product



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Featuring

Intel® Celeron® J-Series processor

Support the next generation of IoT devices with Intel® Celeron® J-Series processors.¹ Build on new levels of CPU and graphics performance with integrated IoT features, real-time performance, manageability, security, and functional safety.

Dual UHD/4K display support

Enhance productivity working across multiple screens with dual displays. The HP Pro t550 supports dual 4K displays⁴ for stunning, true-to-life definition.

Optimize your device with a choice of ports

Configure your device with an external Wi-Fi antenna, Serial, VGA, HDMI, DisplayPort over USB-C®, or two USB-A 3.1 Gen 1 ports for use of existing legacy and new peripherals.⁵ The convenient RJ-45 port comes standard.

Modern flexibility

Set it. Mount it. Stand it. Conveniently position the thin client in up to six different orientations with a VESA mount.⁶

Minimize clutter with a clean desk docking solution

Keep your workspace neat and organized with an optional DisplayPort over USB Type-C® with USB power delivery on a future-proof docking display—on a single USB-C® cable.⁷

Secure your device with a cable lock slot

Deter device theft in public environments with an integrated cable lock slot and physically lock down⁸ your device, assuring IT's peace of mind.

Tested for reliability and durability

Undergoes MIL-STD 810⁹ and HP Total Test Process¹⁰ for hardware and systems to help ensure your HP Pro t550 Thin Client meets or exceeds HP durability standards—helping reduce total cost of ownership.

Faster, more resilient wireless connectivity

Quickly connect and enjoy greater speed and stability on crowded networks with optional Wi-Fi 6.¹¹

Multi-layered security, intuitive desktop virtualization

Deliver a secure and simple user experience for both IT and end users. The optional HP ThinPro OS¹² features multi-layered security, with a read-only and locked file system, encrypted registry, Linux-based OS, and firewall support.

Make IT management and security a breeze

Ease the burden of IT admins in Windows environments with HP Write Manager¹³, a simple write filter solution that works across multiple Windows versions and prevents unauthorized changes to end-user environments.

Major unified communications platforms support

Bring your teams together to collaborate through text, voice, and video with support for whichever major unified communications platform that suits your company's needs.² HP Pro t550 supports Microsoft Teams, Zoom, Cisco Webex, and more.

Help secure critical data

The Trusted Platform Module 2.0 embedded security chip (TPM)¹⁴ provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.



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Technical specifications

Available Operating Systems	Windows 11 IoT Enterprise 2024 LTSC (preinstalled with Windows 10 IoT Enterprise 2021 LTSC via migration rights) ¹ HP Smart Zero Core HP ThinPro IGEL OS Windows 11 IoT Enterprise 2024 LTSC ¹
Browser	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
Available Processors ^{7,8}	Intel® Celeron® J6412 (up to 2.6 GHz burst frequency, 1.5 MB L2 cache, 4 MB L3 cache, 4 cores, 4 threads) with Intel® UHD Graphics
Maximum memory	16 GB DDR4-3200 MHz RAM; ² Transfer rates up to 3200 MT/s
Memory slots	1 SODIMM
Internal storage	32 GB up to 256 GB NAND flash memory; non-volatile
Display support	Up to 2 displays 4K supported. Two DisplayPort™ 1.2 video outputs provided at the back of the system.
Available Graphics	Intel® UHD Graphics
Audio	Internal amplified speaker system for basic audio playback
Ports and connectors	Front: 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 3.5 mm headphone/microphone combo; 2 SuperSpeed USB Type-A 5Gbps signaling rate ; Back: 1 RJ-45; 1 AC power; 2 USB 2.0 Type-A; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4 ; Optional Ports: 1 HDMI; 1 serial; 1 VGA; 1 external antenna connector; 2 SuperSpeed USB Type-A 5Gbps signaling rate
Input devices	HP USB Business Slim SmartCard CCID Keyboard; HP USB 320K wired keyboard; HP 125 Wired Keyboard (bulk); HP Wired 320M Mouse; HP 125 Anti-microbial Mouse ¹⁰
Communications	WLAN: Intel® Wi-Fi 6E AX210 (2x2) and Bluetooth® 5.3 wireless card, non-vPro® with external antenna; Realtek RTL8852AE 802.11a/b/g/n/ax (2x2) Wi-Fi® and Bluetooth® 5.2 wireless card; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card ^{3,4,9}
Environmental	Operating temperature: 10 to 40°C
Software	HP Device Manager; HP Easy Shell; HP Easy Tools; HP Smart Zero Client Services; HP ThinUpdate; HP True Graphics; Microsoft SCCM/EDM Agent ⁵



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Power	HP Smart 45 W External AC power adapter
Dimensions	1.38 x 7.87 x 7.87 in; 3.5 x 20 x 20 cm
Weight	2.87 lb; 1.3 kg; (Weight will vary depending on configuration.)
Ecolabels	EPEAT® registered configurations available ⁶
Energy star certified	ENERGY STAR® certified
Certification and compliance	EMC; EN 60601-1-2



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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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

² Internet access required and not included.

³ 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>.

⁴ 4K content required to view 4K images.

⁵ Port options must be configured at time of purchase.

⁶ Mounting hardware sold separately.

⁷ DisplayPort option must be configured at time of purchase. USB-C® cable sold separately and not included.

⁸ Cable and lock sold separately and not included.

⁹ MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

¹⁰ HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

¹¹ 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.

¹² HP Thin Pro is configurable at purchase.

¹³ HP Write Manager requires Windows 10 IoT Enterprise LTSC 2021.

¹⁴ TPM 2.0 is limited on HP ThinPro/HP Smart Zero, and functionality is dependent upon use of a customer-enabled application that can locate the TPM chip.

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>.

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 Optional or add-on feature.

⁴ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for Wi-Fi 6 (802.11ax WLAN) are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.

⁵ Software is dependent on operating system installed. Please refer to this product's QuickSpec for more details.

⁶ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

⁷ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

⁸ 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.

⁹ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs.

¹⁰ HP 125 Anti-microbial Mouse sold only in China.

