



HP Pro t550 Thin Client (A28Q1UT)



Overview

Essential virtual desktop solution

Enable workforce productivity with support for solid performance requirements and security-conscious features for IT peace-of-mind. The durable HP Pro t550 Thin Client helps end users tackle daily tasks and optimize workspaces with versatile configuration options, while multiple VDI options keep your teams synchronized.

Space-saving design

Designed for a versatile workspace and specially equipped for team engagement with diverse communications.[2]

Coming soon: HP Cloud Endpoint Manager

Skillfully deploy and manage your Pro t550 Thin Clients with real-time monitoring in the cloud or on-prem.[3]

Productivity. Performance

Share ideas and content with seamless communications[2], powered by the Intel® Celeron® J-Series processor.[1]

[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] Select HP Thin Clients are pre-loaded with HP Cloud Endpoint Manager (CEM) and includes Tech Preview until full availability. CEM supports endpoints running Windows 10 IoT 2016 or later or ThinPro 7.2 SP11 or later. CEM term is a 12-month period beginning after device enrollment after full availability. A new license will be required to continue accessing all features after the 12-month term. For complete details, configuration requirements, and feature listings as they become available, see datasheet at the following URL:

<https://www8.hp.com/h20195/v2/GetDocument.aspx?hdocname=c08045808> .

Specifications

| | |
|-------------------------------|--|
| Operating system | IGEL OS |
| Processor | Intel® Celeron® J6412 (up to 2.6 GHz burst frequency, 1.5 MB L2 cache, 4 MB L3 cache, 4 cores, 4 threads) |
| Memory | 4 GB DDR4-3200 MT/s (1 x 4 GB) |
| Memory Slots | 1 SODIMM |
| Internal Storage | 32 GB eMMC |
| Graphics | Integrated |
| Graphics (integrated) | Intel® UHD Graphics |
| Audio | Internal amplified speaker system for basic audio playback |
| Dimensions (W x D x H) | 3.5 x 20 x 20 cm |
| Dimensions (W x D x H) | 1.38 x 7.87 x 7.87 in |
| Weight | 1.3 kg <i>(Weight will vary depending on configuration.)</i> |
| Weight | 2.87 lb <i>(Weight will vary depending on configuration.)</i> |
| Keyboard | HP USB 320K wired keyboard |
| Pointing device | HP Wired 320M Mouse |
| Ports | 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 3.5 mm headphone/microphone combo; 2 SuperSpeed USB Type-A 5Gbps signaling rate |
| Ports | 1 RJ-45; 1 AC power; 2 USB 2.0 Type-A; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4 |
| Network interface | Realtek RTL8111HSH-CG GbE |
| Wireless | Intel® Wi-Fi 6E AX210 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) |
| Protocols | Citrix® HDX; Citrix® ICA; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme; Remote Desktop Services Remote FX (RFX), RDP |
| Power | HP Smart 45 W External AC power adapter |
| Software included | HP Device Manager; HP Easy Shell; HP Easy Tools; HP Smart Zero Client Services; HP ThinUpdate; HP True Graphics; Microsoft SCCM/EDM Agent ^[5] |
| Browser supported | Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021) |
| UPC number | (ABA) 198122945597; (ABC) 198122945603 |

Additional specifications

| | |
|-----------------------------------|---|
| Bluetooth version | Bluetooth® 5.3 |
| Certifications and compliances | EMC; EN 60601-1-2 |
| ECC memory | non-ECC |
| I/O Port location | Back |
| I/O Port location | Front |
| Keyboard connectivity | Wired |
| Keyboard interface | USB |
| Memory layout (slots & size) | 1 x 4 GB |
| Memory module type | SODIMM |
| Memory size | 4 |
| Memory size uom | GB |
| Memory speed | 3200 |
| Memory speed uom | MT/s |
| Memory type | DDR4 |
| Number of memory slots | 1 |
| Operating temperature range | 50 to 104° F |
| Operating temperature range | 10 to 40°C |
| Processor Brand | Intel® |
| Processor base frequency | 2.0 |
| Processor cache | 4 MB L3 |
| Processor core | 4 |
| Processor family | Celeron® |
| Processor frequency UOM | GHz |
| Processor maximum frequency | 2.6 |
| Processor maximum frequency uom | GHz |
| Processor model | J6412 |
| Processor threads | 4 |
| Product long name specifications | HP Pro t550 Thin Client, IGEL OS, Intel® Celeron®, 4GB RAM, 32GB eMMC |
| Product short name specifications | HP Pro t550 Thin Client, Intel® Celeron®, 4GB RAM, 32GB eMMC |
| Standard memory note | Transfer rates up to 3200 MT/s. |
| Storage capacity | 32 |
| Storage capacity uom 01 | GB |
| Storage type | eMMC |

| | |
|---------------------------------|------------------------------|
| Storage type 01 | eMMC |
| UNSPSC code | 43211506 |
| Wireless Model | Wi-Fi 6E AX210 |
| Wireless antenna | 2x2 |
| Wireless standard | Wi-Fi 6E |
| Wireless supplier | Intel® |
| Wireless transfer speeds | Supporting Gigabit data rate |
| vPro enabled | non-vPro® |

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

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

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|--|---------|
| Dual VESA Mount Bracket for HP Thin Client | 9UB87AA |
| HP B300 PC Mounting Bracket | 2DW53AA |
| HP B550 PC Mounting Bracket | 16U00AA |
| HP B560 PC Mounting Bracket | 763U8AA |
| HP Quick Release Bracket 2 | 6KD15AA |
| HP Thin Client Mounting Bracket | 2FT00AA |

Stands

| | |
|----------------------------|---------|
| HP t5/t6 Thin Client Stand | AK6D5AA |
|----------------------------|---------|

Keyboards/Other Input Devices

Wired Keyboards

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|-------------------------------------|---------|
| HP 125 Wired Keyboard | 266C9AA |
| HP Business Slim Smartcard Keyboard | Z9H48AA |
| HP Business Slim Smartcard Keyboard | Z9H48AT |
| HP Wired Desktop 320K Keyboard | 9SR37AA |
| HP Wired Desktop 320K Keyboard | 9SR37UT |

Wireless Combo

| | |
|--|---------|
| HP 235 Wireless Mouse and Keyboard Combo | 1Y4D0AA |
| HP 235 Wireless Mouse and Keyboard Combo | 1Y4D0UT |
| HP 655 Wireless Keyboard and Mouse Combo | 4R009AA |
| HP 655 Wireless Keyboard and Mouse Combo | 4R009UT |

Mice/Pens/Other Pointing Devices

Wired Mice

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|-----------------------------|---------|
| HP 125 Wired Mouse | 265A9AT |
| HP Wired Desktop 320M Mouse | 9VA80AA |

Components/Upgrades

Memory

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|--------------------------|---------|
| HP 16GB DDR4-3200 SODIMM | 13L75AA |
| HP 8GB DDR4-3200 SODIMM | 13L77AA |

Storage

| | |
|---|---------|
| HP 256GB 2280 PCIe NVMe Value Solid State Drive | A92L2AA |
|---|---------|

Internal ports/Modules/Controllers

| | |
|-------------------------------|---------|
| HP USB to Serial Port Adapter | J7B60AA |
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Video Devices

Video Devices

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|-------------------|---------|
| HP 325 FHD Webcam | 53X27AA |
| HP 435 FHD Webcam | 77B10AA |
| HP 625 FHD Webcam | 6Y7L1AA |
| HP 625 FHD Webcam | 6Y7L1ET |

Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

| | |
|---------------------------------|---------|
| HP DisplayPort Cable Kit | VN567AA |
| HP DisplayPort To VGA Adapter | AS615AA |
| HP DisplayPort To VGA Adapter | F7W97AA |
| HP DisplayPort to DVI-D Adapter | FH973AA |
| HP USB-C to VGA Adapter | 4SH06AA |

Docking

| | |
|------------------|---------|
| HP USB-C Dock G5 | 26D32AA |
| HP USB-C Dock G5 | 5TW10AA |
| HP USB-C Dock G5 | 5TW10ET |

Security

Security Cables

| | |
|---------------------------|---------|
| HP Keyed Cable Lock 10 mm | T1A62AA |
|---------------------------|---------|

Power

Power Adapters

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|---|---------|
| HP Thin Client 45W Power Supply | Y3U71AA |
| HP Thin Client 45W Power Supply and Power Cable | Y3U68AA |

Monitors

Business Monitors

★ : Recommended

E-Series

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|---|---------|
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32A7 |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32AA |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32AS |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32E9 |
| HP E24u G5 FHD USB-C Monitor | 6N4D0AA |
| HP E27m G4 QHD USB-C Conferencing Monitor | 40Z29A7 |
| HP E27m G4 QHD USB-C Conferencing Monitor | 40Z29AA |
| HP E27m G4 QHD USB-C Conferencing Monitor | 40Z29AS |
| HP E27m G4 QHD USB-C Conferencing Monitor | 40Z29E9 |
| HP E27u G5 QHD USB-C Monitor | 6N4D3AA |
| HP E27u G5 QHD USB-C Monitor | 6N4D3AS |
| HP E27u G5 QHD USB-C Monitor | 6N4D3E9 |
| HP E27u G5 QHD USB-C PVC Free Monitor | 6N4D3A5 |

Series 5 Pro

| | |
|---|---------|
| HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm | 9E0G9UT |
| HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm PVC Free | 9E0G9A5 |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu | 9D9V7AA |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu | 9D9V7AS |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu | 9D9V7E9 |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu PVC Free | 9D9V7A5 |
| HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm | 9E0Y9UT |
| HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm PVC Free | 9E0Y9A5 |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu | 9E0G5AA |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu | 9E0G5AS |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu | 9E0G5E9 |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu PVC Free | 9E0G5A5 |

Audio

★ : Recommended

Wired Headset

| | |
|--|---------|
| Poly Blackwire C5220 USB-A Headset | 754L8AA |
| Poly EncorePro 310 Monaural USB-A Headset TAA | 767G1AA |
| Poly EncorePro 320 Stereo USB-A Headset TAA | 767G0AA |
| Poly EncorePro 525 Microsoft Teams Certified Stereo with USB-A Headset | 783R2AA |
| Poly EncorePro 525 USB-A Stereo Headset | 783R3AA |

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