

HP Pro t550 Thin Client (7H1W0UT)



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	Windows 10 IoT Enterprise 2021 LTSC
Processor	Intel® Celeron® J6412 (2.0 GHz base frequency, up to 2.6 GHz burst frequency, 1.5 MB L2 cache, 4 cores, 4 threads)
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	1 SODIMM
Internal Storage	256 GB Intel® PCIe® NVMe™ M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Audio	Internal amplified speaker system for basic audio playback
Minimum dimensions (W x D x H)	3.5 x 20 x 20 cm
Minimum dimensions (W x D x H)	1.38 x 7.87 x 7.87 in
Weight	1.3 kg (Weight will vary depending on configuration.)
Weight	2.87 lb (Weight will vary depending on configuration.)
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
Wireless	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 wireless card
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
Energy star certified	ENERGY STAR® certified
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	197192386941
Manufacturer Warranty	3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Support service included	HP 3 Year Off-site Next Business Day Desktop Hardware Support

Additional specifications

Bluetooth version	Bluetooth® 5.2
Certifications and compliances	EMC; EN 60601-1-2
Datasheet photo 1	AHID/3b982cd3cce961afe5f6341bd4576ce98b097c69
Datasheet photo 3	AHID/7997792e29bc850e45255cc96045ed3ef1149b48
Datasheet photo 4	AHID/7653b56126b2536bfed9ac509cfc9e3e7f83e312
Datasheet photo 5	AHID/0f94450e1c8be928322bb9f55d8483101ad99113
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 8 GB
Memory module type	SODIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
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	1.5 MB L2
Processor core	4
Processor family	Celeron®
Processor frequency UOM	GHz
Processor maximum frequency	2.6
Processor maximum frequency uom	GHz
Processor threads	4
Product long name specifications	HP Pro t550 Thin Client, Windows 10 IoT Enterprise 2021 LTSC, Intel® Celeron®, 8GB RAM, 256GB SSD
Product short name specifications	HP Pro t550 Thin Client, Intel® Celeron®, 8GB RAM, 256GB SSD

Standard memory note	Transfer rates up to 3200 MT/s.
Storage brand 01	Intel®
Storage capacity	256
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211506
Wireless Model	RTL8852AE
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

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

Services

HP Care Pack Services

★ : Recommended

Personal Systems Commercial Care Pack Services

HP 3 year Next Business Day Response Advanced Exchange Thin Client Hardware Support	U4847E ★
HP 4 year Next Business Day Response Advanced Exchange Thin Client Hardware Support	U7927E ★
HP 5 year Next Business Day Response Advanced Exchange Thin Client Hardware Support	U7929E ★
HP 1 year Post Warranty Next Business Day Response Advanced Exchange Thin Client HW Supp	U4848PE
HP 1 year Post Warranty Return to Depot Thin Client Hardware Support	U6569PE
HP 1 year Post Warranty Return to Depot w/Defective Media Retention Thin Client HW Supp	U0A95PE
HP 4 year Return to Depot Thin Client Hardware Support	UD798E
HP 5 year Return to Depot Thin Client Hardware Support	UD799E

Accessories

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

★ : Recommended

Mounting Kits

Dual VESA Mount Bracket for HP Thin Client	9UB87AA
HP B300 PC Mounting Bracket	2DW53AA
HP B300 PC Mounting Bracket	2DW53AT
HP B550 PC Mounting Bracket	16U00AA
HP B550 PC Mounting Bracket	16U00AT
HP Quick Release Bracket 2	6KD15AA
HP Quick Release Bracket 2	6KD15AT
HP Thin Client Mounting Bracket	2FT00AA

Keyboards/Mice and Input Devices

Keyboards

HP 125 Wired Keyboard	266C9AA
HP 125 Wired Keyboard	266C9UT
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37UT

Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9UT
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80UT

Keyboard and Mouse Kits

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 Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

Memory

DDR4 Memory

HP 16GB DDR4-3200 SODIMM	13L75AA
HP 16GB DDR4-3200 SODIMM	13L75AT
HP 4GB DDR4-3200 SODIMM	13L79AA
HP 4GB DDR4-3200 SODIMM	13L79AT
HP 8GB DDR4-3200 SODIMM	13L77AA
HP 8GB DDR4-3200 SODIMM	13L77AT

Webcams

Web Cameras

HP 325 FHD Webcam	53X27AA
HP 625 FHD Webcam	6Y7L1AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DisplayPort Cable Kit	VN567AA
HP DisplayPort To VGA Adapter	AS615AA
HP DisplayPort To VGA Adapter	AS615AT
HP DisplayPort To VGA Adapter	F7W97AA
HP DisplayPort to DVI-D Adapter	FH973AA
HP DisplayPort to DVI-D Adapter	FH973AT
HP DisplayPort to HDMI True 4K Adapter	2JA63AA

Cable Adapters

HP USB-C to VGA Adapter	4SH06AA
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Cabinets and Stands

Monitor Stands

HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AT

Security and Protection

PC Locks

HP Keyed Cable Lock 10 mm	T1A62AA
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Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset G2	428K7AA
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Batteries/Chargers/Adapters

Power Supplies

HP Thin Client 45W Power Supply and Power Cable	Y3U68AA
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Expansion Solution and Controller Cards

Port Adapters

HP USB to Serial Port Adapter	J7B60AA
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Docking and Port Replicators

Docking Stations

HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA
HP USB-C Dock G5	5TW10UT
HP USB-C G5 Essential Dock	72C71AA

Monitors

Business Monitors

★ : Recommended

E-Series

HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA	
HP E24u G4 FHD USB-C Monitor	189T0AA	
HP E24u G5 FHD USB-C Monitor	6N4D0AA	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA	
HP E27u G4 QHD USB-C Monitor	189T3AA	obsolete
HP E27u G5 QHD USB-C Monitor	6N4D3AA	

Audio

★ : Recommended

Wired Headset

Poly Blackwire 5220 USB-A Headset	783M5AA
Poly Blackwire C5220 USB-A Headset	754L8AA
Poly EncorePro 310 Stereo 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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