HP Pro t550 Thin Client (B43PVUT)

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]

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[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 11 IoT Enterprise 2024 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 MT/s (1 x 8 GB)
Memory Slots	1 SODIMM
Internal Storage	64 GB eMMC
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	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
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	(ABA) 198828773135; (ABC) 198828773142

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 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	MT/s
Memory type	DDR4
Number of memory slots	1
Operating temperature range	50 to 104° F
Operating temperature range	10 to 40℃
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 model	J6412
Processor threads	4
Product long name specifications	HP Pro t550 Thin Client, Windows 11 IoT Enterprise 2024 LTSC, Intel® Celeron®, 8GB RAM, 64GB eMMC
Product short name specifications	HP Pro t550 Thin Client, Intel® Celeron®, 8GB RAM, 64GB eMMC
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	64
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

Mounting Brackets

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

Stands

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

Keyboards/Other Input Devices

Wired Keyboards

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	
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA	obsolete

Mice/Pens/Other Pointing Devices

Wired Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9AT
HP 125 Wired Mouse	265A9UT

HP Wired Desktop 320M Mouse	9VA80AA	
HP Wired Desktop 320M Mouse	9VA80UT	obsolete

Components/Upgrades

Memory

HP 16GB DDR4-3200 SODIMM	13L75AA
HP 16GB DDR4-3200 SODIMM	13L75AT
HP 8GB DDR4-3200 SODIMM	13L77AA

Internal ports/Modules/Controllers

HP USB to Serial Port Adapter	J7B60AA

Video Devices

Video Devices

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 DisplayPort to HDMI True 4K Adapter	2JA63AA
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	
HP USB-C G5 Essential Dock	72C71AA	obsolete
HP USB-C G5 Essential Dock	72C71ET	obsolete

Security

Security Cables

HP Keyed Cable Lock 10 mm	T1A62AA

Audio Devices

Headset Devices

HP Stereo 3.5mm Headset G2	428K7AA

Power

Power Adapters

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

Monitors

Business Monitors

★ : Recommended

E-Series

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	40Z32AT	obsolete
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9	
HP E24u G4 FHD USB-C Monitor	189T0AA	
HP E24u G5 FHD USB-C Monitor	6N4D0AA	
HP E24u G5 FHD USB-C Monitor	6N4D0AS	
HP E24u G5 FHD USB-C Monitor	6N4D0AT	obsolete
HP E24u G5 FHD USB-C Monitor	6N4D0E9	
HP E24u G5 FHD USB-C PVC Free Monitor	6N4D0A5	
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	40Z29AT	obsolete
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9	
HP E27u G4 QHD USB-C Monitor	189T3AA	
HP E27u G5 QHD USB-C Monitor	6N4D3AA	
HP E27u G5 QHD USB-C Monitor	6N4D3AS	
HP E27u G5 QHD USB-C Monitor	6N4D3AT	obsolete
HP E27u G5 QHD USB-C Monitor	6N4D3E9	
HP E27u G5 QHD USB-C PVC Free Monitor	6N4D3A5	

Hybrid Work Solutions

Audio

★ : Recommended

Wired Headset

Poly Blackwire C5220 USB-A Headset	7S4L8AA
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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