



HP Pro t550 Thin Client (B02XTUA)



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 Software	HP ThinPro
Processor Name	Intel® Celeron® J6412 (up to 2.6 GHz burst frequency, 1.5 MB L2 cache, 4 MB L3 cache, 4 cores, 4 threads)
Standard Memory Description 01	8 GB DDR4-3200 MT/s (1 x 8 GB)
Memory Slots	1 SODIMM
Hard Drive Description (01)	32 GB eMMC
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	Intel® UHD Graphics
Audio Features	Internal amplified speaker system for basic audio playback
Product Dimensions (metric)	3.5 x 20 x 20 cm
Product Dimensions (imperial)	1.38 x 7.87 x 7.87 in
Weight (metric)	1.3 kg <i>(Weight will vary depending on configuration.)</i>
Weight (imperial)	2.87 lb <i>(Weight will vary depending on configuration.)</i>
Keyboard	HP USB 320K wired keyboard
Pointing Device	HP Wired 320M Mouse
External I/O Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 3.5 mm headphone/microphone combo; 2 SuperSpeed USB Type-A 5Gbps signaling rate
External I/O Ports 02	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 Technologies	Intel® Wi-Fi 6E AX210 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
Protocols supported (long)	Citrix® HDX; Citrix® ICA; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme; Remote Desktop Services Remote FX (RFX), RDP
Power Supply Required	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 Description	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
UPC Number	(ABA) 198701925613; (ABC) 198701925637

Additional specifications

Bluetooth Version	Bluetooth® 5.3
Certifications and Compliances	EMC; EN 60601-1-2
ECC Memory	non-ECC
I/O Port Location 01	Front
I/O Port Location 02	Back
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 Slots Number	1
Memory Speed	3200
Memory Speed UOM	MT/s
Memory Type	DDR4
Operating Temperature Range (celsius)	10 to 40°C
Operating Temperature Range (fahrenheit)	50 to 104° F
Processor Brand	Intel®
Processor Cache Installed	4 MB L3
Processor Core	4
Processor Family (Short)	Celeron®
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, HP ThinPro, Intel® Celeron®, 8GB RAM, 32GB eMMC
Product Short Name Specifications	HP Pro t550 Thin Client, Intel® Celeron®, 8GB RAM, 32GB eMMC
Standard Memory Note 01	Transfer rates up to 3200 MT/s.
Storage Capacity 01	32
Storage Capacity UOM 01	GB
Storage Type 01	eMMC

Storage type (filter)	eMMC
TCO Certified	TCO Certified, generation 9
UNSPSC Code	43211506
Wireless Antenna	2x2
Wireless Model	Wi-Fi 6E AX210
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.

Hybrid Work Solutions

Audio

★ : Recommended

Wired Headset

Poly EncorePro 525 USB-A Stereo Headset	783R3AA ★
Poly EncorePro 320 Stereo USB-A Headset TAA	767G0AA ★
Poly EncorePro 310 Monaural USB-A Headset TAA	767G1AA
Poly EncorePro 525 Microsoft Teams Certified Stereo with USB-A Headset	783R2AA

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

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
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Keyboards/Other Input Devices

Wired Keyboards

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

Wireless Combo

HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT
HP 655 Wireless Keyboard and Mouse Combo	4R009UT

Mice/Pens/Other Pointing Devices

Wired Mice

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

Components/Upgrades

Memory

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

Storage

HP 256GB 2280 PCIe NVMe Value Solid State Drive	A92L2AA
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Internal ports/Modules/Controllers

HP USB to Serial Port Adapter	J7B60AA
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Video Devices

Video Devices

HP 325 FHD Webcam	53X27AA
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HP 435 FHD Webcam	77B10AA
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HP 625 FHD Webcam	6Y7L1AA
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HP 625 FHD Webcam	6Y7L1ET
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Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

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

HP USB-C Dock G5	26D32AA
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HP USB-C Dock G5	5TW10AA
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HP USB-C Dock G5	5TW10ET	obsolete
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Security

Security Cables

HP Keyed Cable Lock 10 mm	T1A62AA
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Power

Power Adapters

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

Business Monitors

★ : Recommended

E-Series

HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA
HP E24u G5 FHD USB-C Monitor	6N4D0AA
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

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

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