

# HP Pro t550 Thin Client (7J319PA)



## 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

<b>Operating system</b>	Windows 10 IoT Enterprise 2021 LTSC
<b>Processor</b>	Intel® Celeron® J6412 (2.0 GHz base frequency, up to 2.6 GHz burst frequency, 1.5 MB L2 cache, 4 cores, 4 threads)
<b>Memory</b>	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
<b>Memory Slots</b>	1 SODIMM
<b>Internal Storage</b>	256 GB Intel® PCIe® NVMe™ M.2 SSD
<b>Hard drive (2nd)</b>	256 GB PCIe® NVMe™ SSD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics
<b>Audio</b>	Internal amplified speaker system for basic audio playback
<b>Dimensions (W x D x H)</b>	3.5 x 20 x 20 cm
<b>Dimensions (W x D x H)</b>	1.38 x 7.87 x 7.87 in
<b>Weight</b>	1.3 kg <i>(Weight will vary depending on configuration.)</i>
<b>Weight</b>	2.87 lb <i>(Weight will vary depending on configuration.)</i>
<b>Keyboard</b>	HP USB 320K wired keyboard
<b>Pointing device</b>	HP Wired 320M Mouse
<b>Ports</b>	1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 3.5 mm headphone/microphone combo; 2 SuperSpeed USB Type-A 5Gbps signaling rate
<b>Ports</b>	1 RJ-45; 1 AC power; 2 USB 2.0 Type-A; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4
<b>Wireless</b>	Realtek Wi-Fi 6 RTL8852BE (2x2) and Bluetooth® 5.3 wireless card
<b>Protocols</b>	Citrix® HDX; Citrix® ICA; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme; Remote Desktop Services Remote FX (RFX), RDP
<b>Power</b>	HP Smart 45 W External AC power adapter
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Software included</b>	HP Device Manager; HP Easy Shell; HP Easy Tools; HP Smart Zero Client Services; HP ThinUpdate; HP True Graphics; Microsoft SCCM/EDM Agent <sup>[5]</sup>
<b>Browser supported</b>	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
<b>UPC number</b>	(A2K) 197192471425; (AB0) 197192471340; (AB1) 197192471357; (AB2) 197192471333; (AB4) 197192471371; (ABG) 197192471364; (ABJ) 4582654927064; (ACJ) 197192471388; (AKL) 197192471395; (AR6) 197192471401

## Additional specifications

<b>Bluetooth version</b>	Bluetooth® 5.2
<b>Certifications and compliances</b>	EMC; EN 60601-1-2
<b>ECC memory</b>	non-ECC
<b>I/O Port location</b>	Front
<b>I/O Port location</b>	Back
<b>Keyboard connectivity</b>	wired
<b>Keyboard interface</b>	USB
<b>Memory layout (slots &amp; size)</b>	1 x 8 GB
<b>Memory module type</b>	DIMM
<b>Memory size</b>	8
<b>Memory size uom</b>	GB
<b>Memory speed</b>	3200
<b>Memory speed uom</b>	MHz
<b>Memory type</b>	DDR4
<b>Number of memory slots</b>	1
<b>Operating temperature range</b>	50 to 104° F
<b>Operating temperature range</b>	10 to 40°C
<b>Processor Brand</b>	Intel®
<b>Processor base frequency</b>	2.0
<b>Processor cache</b>	1.5 MB L2
<b>Processor core</b>	4
<b>Processor family</b>	Celeron®
<b>Processor frequency UOM</b>	GHz
<b>Processor maximum frequency</b>	2.6
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	J6412
<b>Processor threads</b>	4
<b>Product long name specifications</b>	HP Pro t550 Thin Client, Windows 10 IoT Enterprise 2021 LTSC, Intel® Celeron®, 8GB RAM, 256GB SSD
<b>Product short name specifications</b>	HP Pro t550 Thin Client, Intel® Celeron®, 8GB RAM, 256GB SSD
<b>Standard memory note</b>	Transfer rates up to 3200 MT/s.
<b>Storage brand 01</b>	Intel®
<b>Storage capacity</b>	256

<b>Storage capacity uom 01</b>	GB
<b>Storage form factor 01</b>	M.2
<b>Storage interface 01</b>	PCIe®
<b>Storage interface protocol 01</b>	NVMe™
<b>Storage type</b>	SSD
<b>Storage type 01</b>	SSD
<b>UNSPSC code</b>	43211506
<b>Wireless Model</b>	RTL8852BE
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	Wi-Fi 6
<b>Wireless supplier</b>	Realtek

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

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## 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 Quick Release Bracket 2	6KD15AA
HP Thin Client Mounting Bracket	2FT00AA
Thin Client Recessed VESA Spacer Bulk Kit	1R2G8A6

#### Stands

HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AT
HP t5/t6 Thin Client Stand	AK6D5AA

### 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
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HP 125 Wired Mouse	265A9AT
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HP Wired Desktop 320M Mouse	9VA80AA
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## Components/Upgrades

### Memory

HP 16GB DDR4-3200 SODIMM	13L75AA
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HP 8GB DDR4-3200 SODIMM	13L77AA
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### 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 DisplayPort to HDMI True 4K Adapter	2JA63AA
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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
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## Security

### Security Cables

HP Keyed Cable Lock 10 mm

T1A62AA

## Audio Devices

### Headset Devices

HP Stereo 3.5mm Headset G2

428K7AA

obsolete

## 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	40Z32E9
HP E24u G5 FHD USB-C Monitor	6N4D0AA
HP E24u G5 FHD USB-C Monitor	6N4D0AS
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	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

# Hybrid Work Solutions

## 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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