

# HP Pro t550 Thin Client (B43PLUT)



## 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 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               | 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<br>(Weight will vary depending on configuration.)                                                                                                 |
| Weight                         | 2.87 lb<br>(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 <sup>[5]</sup> |
| Browser supported              | Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)                                       |
| UPC number                     | (ABA) 198828772992; (ABC) 198828773029                                                                                                                   |

## Additional specifications

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| Bluetooth version                 | Bluetooth® 5.3                                                                                    |
| Certifications and compliances    | EMC; EN 60601-1-2                                                                                 |
| ECC memory                        | non-ECC                                                                                           |
| I/O Port location                 | Front                                                                                             |
| I/O Port location                 | Back                                                                                              |
| 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       | 10 to 40°C                                                                                        |
| Operating temperature range       | 50 to 104° F                                                                                      |
| 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, 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                                                                                                |

|                                      |                              |
|--------------------------------------|------------------------------|
| <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>                | Wi-Fi 6E AX210               |
| <b>Wireless antenna</b>              | 2x2                          |
| <b>Wireless standard</b>             | Wi-Fi 6E                     |
| <b>Wireless supplier</b>             | Intel®                       |
| <b>Wireless transfer speeds</b>      | Supporting Gigabit data rate |
| <b>vPro enabled</b>                  | 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

|                                            |         |
|--------------------------------------------|---------|
| 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 |          |

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 |

Disclaimer — Copyright

Intel, Pentium, the Intel logo, Intel Core, Thunderbolt, vPro, Optane, and Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth is a trademark of its proprietor, used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. Adobe PDF is a trademark of Adobe Systems Incorporated. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. NVIDIA, the NVIDIA logo, Quadro, and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the US. and other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. All other trademarks are the property of their respective owners.

© Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.