



# HP t540 Thin Client Bundle (7E3D4UT)



## Overview

**Simple, secure virtual desktop solution.**

Transition your fleet to the cloud with the HP t540 Thin Client virtual desktop solution. Confidently deploy in confined workspaces with multiple configuration options and multi-layered security—providing effective collaboration and productivity for the end user.

### **Designed for your organization's computing needs.**

Adapt to workforce needs with the HP t540 Thin Client. Multiple options for placement and mounting[1] allow easy setup, fitting into almost any workspace.

### **Instant cloud access. Efficient usability.**

Increase everyday productivity and workforce collaboration with an impressive AMD Ryzen™ System-on-Chip processor[4] and dual UHD/4K[5] display support. Get easy device management while providing a seamless user experience.

### **Robust security.**

Minimize security threats right from bootup with AMD Memory Guard and UEFI (BIOS) Secure Boot at the component-level. Together with a certified Trusted Platform Module and a cable lock slot—keep your thin clients protected inside and out.

# Features

## Modern flexibility

Set it. Mount it. Stand it. Conveniently position the thin client in up to six different orientations with a VESA mount.

## Neutralize threats and keep data safe and secure

Defend against cold-boot attacks with AMD Memory Guard. Full memory encryption protects at the component level, offsetting threats to sensitive data.

## Make IT management and security a breeze.

Ease the burden of IT admins in Windows environments with HP Write Manager, a simple write filter solution that works across multiple Windows versions and prevents unauthorized changes to end user environments.

## Engineered to last

Rely on the built-in durability of the HP t540 Thin Client, with 120,000 hours of testing, utilizing the HP Total Test Process. Keep up with extended hours of use over a prolonged period—reducing downtime and maintaining business performance.

## Protect your fleet with device security for resiliency and recovery.

Protect device firmware from bootup to shut down with the UEFI Secure Boot. HP t540 Thin Client firmware implements NIST SP800-147 and SP800-155 integrity measurement guidelines.

## Secure your device with a cable lock slot

Deter device theft in public environments with an integrated cable lock slot and physically lock down your device, assuring IT's peace of mind.

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[1] Mounting hardware not included and sold separately.

[4] 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. AMD's numbering is not a measurement of clock speed.

[5] 4K content required to view 4K images. Displays sold separately and not included.

## Specifications

<b>Operating system</b>	Windows 10 IoT Enterprise
<b>Memory</b>	8 GB DDR4-2400 MHz RAM (1 x 8 GB)
<b>Memory Slots</b>	1 SODIMM
<b>Internal Storage</b>	64 GB eMMC
<b>Audio</b>	Internal amplified speaker system for basic audio playback
<b>Minimum dimensions (W x D x H)</b>	3.5 x 20 x 20 cm
<b>Minimum dimensions (W x D x H)</b>	1.38 x 7.87 x 7.87 in
<b>Weight</b>	1.4 kg <i>(Weight will vary depending on configuration.)</i>
<b>Weight</b>	3.09 lb <i>(Weight will vary depending on configuration.)</i>
<b>Keyboard</b>	HP USB Slim Business Keyboard
<b>Pointing device</b>	HP USB optical mouse
<b>Ports</b>	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate
<b>Ports</b>	1 RJ-45; 2 DisplayPort™ 1.2; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 AC power; 2 USB 2.0 Type-A
<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>Ecolabels</b>	EPEAT® registered
<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>	Internet Explorer (for models with Windows 10 IoT Enterprise LTSC 2019); Mozilla Firefox (for models with HP ThinPro)
<b>UPC number</b>	197192163955
<b>Manufacturer Warranty</b>	3 year limited warranty

## Additional specifications

<b>Accessories</b>	HP Quick Release Kit 6KD15AA; HP B300 PC Mounting Bracket 2DW53AA; HP B500 PC Mounting Bracket 2DW52AA; HP TC 2mm VESA spacer (20 pcs per kit) 1R2G7A6; HP DisplayPort Cable Kit VN567AA; HP DisplayPort to DVI-D Adapter FH973AA; HP DisplayPort to HDMI True 4K Adapter 2JA63AA; HP DisplayPort to VGA Adapter AS615AA; HP HDMI Standard Cable Kit T6F94AA; HP USB Business Slim CCID SmartCard Keyboard Z9H48AA; HP USB Business Slim Keyboard N3R87AA; HP Wireless Business Slim Keyboard and Mouse N3R88AA; HP USB Optical Mouse QY777AA; HP 16 GB DDR4-2666 SODIMM 3TK84AA; HP 4 GB DDR4-2666 SODIMM 3TK86AA; HP 8 GB DDR4-2666 SODIMM 3TK88AA; HP 64 GB M.2 2242 Flash Memory Drive F3V79AA
<b>ECC memory</b>	non-ECC
<b>I/O Port location</b>	Front
<b>I/O Port location</b>	Back
<b>Keyboard interface</b>	USB
<b>Memory layout (slots &amp; size)</b>	1 x 8 GB
<b>Memory module type</b>	SODIMM
<b>Memory size</b>	8
<b>Memory size uom</b>	GB
<b>Memory speed</b>	2400
<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>Product long name specifications</b>	HP t540 Thin Client Bundle, Windows 10 IoT Enterprise, 8GB RAM, 64GB eMMC
<b>Product short name specifications</b>	HP t540 Thin Client Bundle, 8GB RAM, 64GB eMMC
<b>Standard memory note</b>	Transfer rates up to 2400 MT/s.
<b>Storage capacity</b>	64
<b>Storage capacity uom 01</b>	GB
<b>Storage type</b>	eMMC
<b>Storage type 01</b>	eMMC
<b>UNSPSC code</b>	43211506

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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

### Security and Protection

★ : Recommended

#### PC Locks

HP Keyed Cable Lock 10 mm	T1A62AA ★
HP Keyed Cable Lock 10 mm	T1A62UT

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

#### Mounting Kits

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

### Batteries/Chargers/Adapters

#### Power Supplies

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

#### AC Adapters

HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W USB-C LC Power Adapter	1P3K6UT

### PC Drives and Storage

#### PC Solid State Drives

HP 128 GB M.2 2280 Flash Memory Drive	Y7B91AA
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### Keyboards/Mice and Input Devices

#### Mice

HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9ET

HP 128 Laser Wired Mouse	265D9UT
HP 635 Multi-Device Wireless Mouse	1D0K2AA
HP 635 Multi-Device Wireless Mouse	1D0K2UT
HP 935 Creator Wireless Mouse	1D0K8AA
HP 935 Creator Wireless Mouse	1D0K8UT
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
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 655 Wireless Keyboard and Mouse Combo (Black 10)	4R009ET
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

## Keyboards

HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT

## 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 435 FHD Webcam	77B10AA
HP 625 FHD Webcam	6Y7L1AA
HP 625 FHD Webcam	6Y7L1ET

## 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

## Point of Sales System Options

### POS Display Accessories

HP Engage One 10.1-inch Display	1XD80A7
HP Engage One 10.1-inch Display	1XD80AA
HP Engage One 10.1-inch Display	1XD81A7
HP Engage One 10.1-inch Touch Display	1XD81AA
HP Engage One W 10.1-inch Display	3FH66A7
HP Engage One W 10.1-inch Display	3FH66A8
HP Engage One W 10.1-inch Display	3FH66AA
HP Engage One W 10.1-inch Touch Display	3FH67A7
HP Engage One W 10.1-inch Touch Display	3FH67A8
HP Engage One W 10.1-inch Touch Display	3FH67AA
HP L5010ta	2KY27AA
HP L5015ta	2KY28AA
HP L7010t 10.1-inch Retail Touch Monitor	T6N30A8
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7014 14-inch Retail Monitor	T6N31A8
HP L7014 14-inch Retail Monitor	T6N31AA

HP L7014t 14-inch Retail Touch Monitor	T6N32A8
HP L7014t 14-inch Retail Touch Monitor	T6N32AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13A8
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA

## 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

## Docking and Port Replicators

### Docking Stations

HP USB-C Dock G5	26D32AA
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## Thin Clients Accessories

### Thin Clients Accessories

Thin Client 2mm VESA Spacer Bulk Kit	1R2G7A6
Thin Client Recessed VESA Spacer Bulk Kit	1R2G8A6



# Monitors

## Business Monitors

★ : Recommended

### P-Series

HP P24h G4 FHD Monitor	7VH44AA ★
HP P19b G4 Monitor	9TY83AA
HP P19b G4 Monitor	9ZF87AA
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P24 G4 24 FHD Monitor	1A7E5AA
HP P24h G4 FHD Monitor	7VH44AT
HP P24q G4 QHD Height Adjust Monitor	8MB10AA
HP P24v G4 Monitor	9TT78AA
HP P27h G4 FHD Monitor	7VH95AA
HP P27h G4 FHD Monitor	7VH95AT
HP P27v G4 Monitor	9TT20AA

### E-Series

HP E14 G4 Portable Monitor	1B065AA
HP E22 G4 FHD Monitor	9VH72AA
HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0A7
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E24u G4 FHD USB-C Monitor	189T0AS
HP E24u G4 FHD USB-C Monitor	189T0AT
HP E27 G4 FHD Monitor	9VG71AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA
HP E27u G4 QHD USB-C Monitor	189T3AT

## Business LCD Monitors

HP P174 17-inch Monitor	5RD64AA	obsolete
HP P204v 19.5-inch Monitor	5RD66A7	
HP P204v 19.5-inch Monitor	5RD66AA	

## Z Displays

HP Z24f G3 FHD Display	3G828AA	
HP Z24n G3 WUXGA Display	1C4Z5AA	
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA	
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA	
HP Z27k G3 4K USB-C Display	1B9T0AA	
HP Z27q G3 QHD Display	1C4Z7AA	
HP Z27u G3 QHD Display	1B9X2AA	
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA	
HP Z38c 37.5-inch Curved Display	Z4W65A4	
HP Z38c 37.5-inch Curved Display	Z4W65A8	
HP Z38c 37.5-inch Curved Display	Z4W65AT	
HP Z43 42.5-inch 4K UHD Display	1AA85A4	

# Industries

## Education

★ : Recommended

### Education

Higher Education	HPHIEDUOVRVIEW
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## Hybrid Work Solutions

### Audio

★ : Recommended

#### Wired Headset

Poly Blackwire 5220 USB-A Headset	783M5AA
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

# Solutions

## Cloud Client Solutions

★ : Recommended

### Cloud Client Solutions

Thin Client Solution for Contact Centers	TC-CONTACTCTR
Thin Client Solution for Healthcare	TC-HEALTH

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