

t540 Thin Client Bundle (526H1AA)



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.

^[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

Operating system	Windows 10 IoT Enterprise for Thin Clients
Processor	AMD Ryzen™ Embedded R1305G (1.5 GHz base clock, up to 2.8 GHz max boost clock, 4 MB L3 cache, 2 cores)
Memory	8 GB DDR4-2400 MHz RAM (1 x 8 GB)
Memory Slots	1 SODIMM
Internal Storage	64 GB eMMC
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Vega 3 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	1.4 kg (Weight will vary depending on configuration.)
Weight	3.09 lb (Weight will vary depending on configuration.)
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB wired mouse
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate
Ports	1 RJ-45; 2 DisplayPort™ 1.2; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 AC power; 2 USB 2.0 Type-A
Wireless	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo
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
Ecolabels	EPEAT® registered
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	Internet Explorer (for models with Windows 10 IoT Enterprise LTSC 2019); Mozilla Firefox (for models with HP ThinPro)
Manufacturer Warranty	3 year limited warranty

Additional specifications

Accessories	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
Bluetooth version	Bluetooth® 5.2
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	2400
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Operating temperature range	10 to 40° C
Operating temperature range	50 to 104° F
Processor Brand	AMD
Processor base frequency	1.5
Processor base frequency uom	GHz
Processor cache	4 MB L3
Processor core	2
Processor maximum frequency	2.8
Processor maximum frequency uom	GHz
Processor threads	4
Product long name specifications	t540 Thin Client Bundle, Windows 10 IoT Enterprise for Thin Clients, 8GB RAM, 64GB eMMC
Standard memory note	Transfer rates up to 2400 MT/s.

Storage capacity	64
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
UNSPSC code	43211506
Wireless Model	RTL8852AE
Wireless antenna	2x2
Wireless supplier	Realtek

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

Monitors

Business Monitors

★ : Recommended

EliteDisplays

HP EliteDisplay E243 23.8-inch Monitor	1FH47AA ★	obsolete
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8 ★	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA ★	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30A8	obsolete
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AS	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AT	
HP EliteDisplay E202 20-inch Monitor	M1F41AA	
HP EliteDisplay E220t 21.5-inch Touch Monitor	L4Q76AA	obsolete
HP EliteDisplay E222 21.5-inch Monitor	M1N96AA	obsolete
HP EliteDisplay E223 21.5-inch Monitor	1FH45AA	obsolete
HP EliteDisplay E223d 21.5-inch Docking Monitor	5VT82A8	obsolete
HP EliteDisplay E232 23-inch Monitor	M1N98AA	obsolete
HP EliteDisplay E233 23-inch Monitor	1FH46AA	obsolete
HP EliteDisplay E242 24-inch Monitor	M1P02AA	obsolete
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A7	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AC	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AS	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76U9	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E243i 24-inch Monitor	1FH49AA	obsolete
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A7	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A8	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AS	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AT	
HP EliteDisplay E243m 23.8-inch Monitor Head Only	1FH48U9	
HP EliteDisplay E273d 27-inch Docking Monitor	5WN63AA	
HP EliteDisplay E273m 27-inch Monitor	1FH51A7	

HP EliteDisplay E273m 27-inch Monitor	1FH51A8
HP EliteDisplay E273m 27-inch Monitor	1FH51AA
HP EliteDisplay E273m 27-inch Monitor	1FH51AS
HP EliteDisplay E273m 27-inch Monitor	1FH51AT
HP EliteDisplay E273m 27-inch Monitor Head Only	1FH51U9
HP EliteDisplay E273q 27-inch Monitor	1FH52A8
HP EliteDisplay S14 14-inch Portable Display	3HX46AA
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA

P-Series

HP P24h G4 FHD Monitor	7VH44AA ★
HP P19b G4 Monitor	9TY83AA
HP P19v G4 Monitor	9TY84AA
HP P21v G4 Monitor	9TY72AA
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22h G4 FHD Monitor	7UZ36A7
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AT
HP P22v G4 Monitor	9TT53AA
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 P27q G4 QHD Height Adjust Monitor	8MB11AA
HP P27v G4 Monitor	9TT20AA

Z Displays

HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z27x G2 Studio Display	2NJ08A7
HP DreamColor Z27x G2 Studio Display	2NJ08A8
HP DreamColor Z31x Studio Display	Z4Y82A4
HP DreamColor Z31x Studio Display	Z4Y82A7
HP DreamColor Z31x Studio Display	Z4Y82A8
HP DreamColor Z31x Studio Display	Z4Y82AT

HP Z22n G2 21.5-inch Display	1JS05A4	
HP Z23n G2 23-inch Display	1JS06A4	
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 Z27 27-inch 4K UHD Display	2TB68A4	
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 Z32 31.5-inch 4K UHD Display	1AA81A4	
HP Z32 31.5-inch 4K UHD Display	1AA81A7	
HP Z32 31.5-inch 4K UHD Display	1AA81A8	
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	
HP Z43 42.5-inch 4K UHD Display	1AA85A8	

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 E24 G4 FHD No Stand(Bulk2) Monitor	3R473AA	
HP E24d G4 FHD USB-C Docking Monitor	6PA50A8	
HP E24d G4 FHD USB-C Docking Monitor	6PA50AA	obsolete
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	189T0AA	
HP E27 G4 FHD Monitor	9VG71AA	
HP E27d G4 QHD USB-C Docking Monitor	6PA56A8	

HP E27q G4 QHD Monitor

9VG82AA

HP E27u G4 QHD USB-C Monitor

189T3AA

Healthcare Edition Displays

HP Healthcare Edition HC241 Clinical Review Monitor

3ME68A7

obsolete

HP Healthcare Edition HC241 Clinical Review Monitor

3ME68A8

obsolete

HP Healthcare Edition HC241 Clinical Review Monitor

3ME68AA

HP Healthcare Edition HC241 Clinical Review Monitor

3ME69A7

obsolete

HP Healthcare Edition HC241p Clinical Review Monitor

3ME69AA

Large Format Display

HP LD5512 4K UHD Conferencing Display

2YD85AA

ProDisplays

HP Mini-in-One 24 Display

7AX23AA

HP Mini-in-One 24 Display

7AX23AT

HP Mini-in-One 24 Display

7AX23U9

HP ProDisplay P19A 19-inch LED Backlit Monitor

D2W67A8

obsolete

Value Displays

HP N223 21.5-inch Monitor

3ML60AA

obsolete

HP V19b Monitor

2XM32AA

HP V22b Monitor

2XM33AA

HP V24b Monitor

2XM34AA

HP V270 27-inch Monitor

2KZ35AA

obsolete

Business LCD Monitors

HP P174 17-inch Monitor

5RD64AA

HP P204v 19.5-inch Monitor

5RD66A7

HP P204v 19.5-inch Monitor

5RD66AA

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 B500 PC Mounting Bracket	2DW52AA
HP B500 PC Mounting Bracket	2DW52AT
HP PC Mounting Bracket for Monitors	N6N00AA
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

Keyboards/Mice and Input Devices

Mice

HP USB 1000dpi Laser Mouse	QY778AA ★	
HP USB Optical Scroll Mouse	QY777AA	obsolete

Keyboards

HP USB Business Slim Keyboard	N3R87AA ★
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT

PC Drives and Storage

PC Solid State Drives

HP 128 GB M.2 2280 Flash Memory Drive	Y7B91AA
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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 DDR4-2666 SODIMM	3TK88AA
HP 8GB DDR4-3200 SODIMM	13L77AA
HP 8GB DDR4-3200 SODIMM	13L77AT

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 L5015tm 15-inch Retail Touch Monitor	M1F94A8
HP L5015tm 15-inch Retail Touch Monitor	M1F94AA
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 Stand for Ultra Slim Desktop and Thin Client	E8H16AA
HP Integrated Work Center Stand for Ultra Slim Desktop and Thin Client	E8H16AT
HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AT

Thin Clients Accessories

Thin Clients Accessories

Thin Client 2mm VESA Spacer Bulk Kit	1R2G7A6
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Application Software

★ : Recommended

Thin Client Software

HP Device Manager 5.0	DEVMGR5
HP Device Manager 5.0	HPDMPRE

Education

★ : Recommended

Education

Higher Education

HPHIEDUOVERVIEW

Retail

Retail

Retail Overview

HPINDRETAILOVERVIEW

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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