HP Elite t755 Thin Client (B5VH9UT)



Overview

Optimal thin client performance, reliability, and security

Enable productivity with the performance and reliability of the HP Elite t755 Thin Client, featuring advanced security from both cyber- and physical-based attacks for IT peace of mind. Built to support demanding performance with the progressive 6-core 45w AMD Ryzen™ V2546 Processor[1], helping users tackle mission-critical tasks.

Unleash maximum performance

Elevate efficiency with the progressive 45w AMD Ryzen™ V2546 Processor.[1] Optimized for mission-critical workflows, this fast-performing processor supports seamless productivity.

Built for mission-critical work

Empower your workforce with thin clients well-equipped with industrial-grade components for reliability and longevity while delivering a seamless user and management experience. Future-ready with expanded peripheral support and device management options.

Comprehensive security

Fortify critical security apps, data, and projects at the endpoints, wiping out data after each thin client log-in session. Get advanced protection from remote cyber- and physical attacks with a read-only OS and physical intrusion detection.

Help protect our shared future

The HP Elite t755 Thin Client uses at least 50 percent post-consumer recycled plastics, the keycaps contain 50 percent PCR DVDs[2], and the outside box and cushions are 100 percent sustainably sourced or recycled.[3]

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

[2] 100 percent outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100 percent recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.

[3] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

Specifications

Operating system	Windows 11 IoT Enterprise 2024 LTSC
Processor	AMD Ryzen™ Embedded V2546 (up to 3.95 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads)
Memory	16 GB DDR4-3200 MT/s (2 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Audio	Internal amplified speaker system for basic audio playback
Dimensions (W x D x H)	5 x 21 x 21 cm *(Vertical orientation.)*
Dimensions (W x D x H)	1.97 x 8.26 x 8.26 in *(Vertical orientation.)*
Weight	1.4 kg *(Weight will vary depending on configuration.)*
Weight	3 lb *(Weight will vary depending on configuration.)*
Keyboard	HP USB 320K wired keyboard
Pointing device	HP Wired 320M Mouse
Ports	1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate
Expansion slots	1 half-height PCIe x16 (x8)
Ports	2 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 4 DisplayPort™ 1.2; 1 RJ-45; 1 4.5 mm power adapter; 1 security lock slot
Protocols	Amazon WorkSpaces through PCoIP; Citrix® HDX; Citrix® ICA; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme; Remote Desktop Services Remote FX (RFX), RDP; Azure Virtual Desktop; Windows 365
Power	90 W smart external power adapter
Browser supported	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
UPC number	(ABA) 198990149721; (ABC) 198990149707

Additional specifications

Datasheet photo 1	AHID/51b294c061b0d7ad7905c27166bdf71b97750e75
ECC memory	non-ECC
I/O Port location	Front
I/O Port location	Back
Keyboard interface	USB
Memory layout (slots & size)	2 x 8 GB
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	3200
Memory speed uom	MT/s
Memory type	DDR4
Number of memory slots	2
Processor Brand	AMD
Processor cache	8 MB L3
Processor core	6
Processor family	Ryzen™
Processor maximum frequency	3.9
Processor maximum frequency uom	GHz
Processor model	V2546
Processor threads	12
Product long name specifications	HP Elite t755 Thin Client, Windows 11 IoT Enterprise 2024 LTSC, AMD Ryzen™, 16GB RAM, 256GB SSD
Product short name specifications	HP Elite t755 Thin Client, AMD Ryzen™, 16GB RAM, 256GB SSD
Software included	HP Device Manager
Software included	HP Smart Zero Client Services
Software included	HP ThinUpdate
Software included	HP Easy Shell
Software included	HP Easy Update
Software included	Microsoft SCCM/EDM Agent
Software included	HP Write Manager
Software included	HP User State Tool
Software included	HP USB Port Manager

Software included	HP True Graphics
Software included footnote number	[6,8,12,15]
Software included footnote number	[6,12,15]
Software included footnote number	[6,12,13,15]
Software included footnote number	[6,12,15]
Software included footnote number	[6,12,15]
Software included footnote number	[6,12,15]
Software included footnote number	[6,11,12,15]
Software included footnote number	[6,12,15]
Software included footnote number	[6,12,15]
Software included footnote number	[6,12,15]
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211506

Accessories for PC

Components/Upgrades

★ : Recommended

Graphics

AMD Radeon RX 6300 2 GB GDDR6 FH DP+HDMI PCIe x16 Graphics	7Y6P7AA

Memory

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

Storage

HP 256GB 2280 PCIe NVMe Value China Solid State Drive	A92L3AA
HP 256GB 2280 PCIe NVMe Value Solid State Drive	A92L2AA

Internal ports/Modules/Controllers

HP PCIe x1 Parallel Port Card	N1M40AA
HP USB to Serial Port Adapter	J7B60AA
Intel I226-T1 2.5GbE Ethernet Network Adapter	9P1U8AA

Keyboards/Other Input Devices

Wired Keyboards

HP 125 Wired Keyboard	266C9AA
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37UT

Wired Combo

HP 225 Antimicrobial Wired Mouse and Keyboard Combo	286K3AA
HP 225 Wired Mouse and Keyboard Combo	286J4AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT

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 (Bulk 10)	4R009A6	

Wireless Keyboards

HP 455 Programmable Wireless Keyboard	4R177A6	
HP 455 Programmable Wireless Keyboard	4R177AA	
HP 975 Dual-Mode Wireless Keyboard	3Z726AA	
HP 975 Dual-Mode Wireless Keyboard	3Z726ET	

Mice/Pens/Other Pointing Devices

Wired Mice

HP 125 Wired Mouse	265A9AA	
HP 125 Wired Mouse	265A9AT	
HP 125 Wired Mouse	265A9UT	
HP 125 Wired Mouse (Bulk120)	265A9A6	
HP 128 LSR WRD Mouse (Bulk120)	265D9A6	
HP 128 Laser Wired Mouse	265D9AA	
HP 155 Wired Mouse	5B8B7AA	
HP Wired Desktop 320M Mouse	9VA80AA	

Wireless Mice

HP 435 Multi-Device Wireless Mouse	3B4Q5AA	
HP 635 Multi-Device Wireless Mouse	1D0K2AA	
HP 635 Multi-Device Wireless Mouse	1D0K2ET	
HP 715 Rechargeable Multi-Device Mouse	6E6F0AA	
HP 715 Rechargeable Multi-Device Mouse	6E6F0ET	
HP 715 Rechargeable Multi-Device Mouse	6E6F0UT	
HP 925 Ergonomic Vertical Mouse	6H1A5AA	
HP 925 Ergonomic Vertical Mouse	6H1A5ET	
HP 935 Creator Wireless Mouse	1D0K8AA	
HP 935 Creator Wireless Mouse	1D0K8ET	
HP 935 Creator Wireless Mouse	1D0K8UA	obsolete
HP Wireless Premium Mouse	1JR31AA	

Video Devices

Video Devices

HP 325 FHD Webcam	53X27AA
HP 325 FHD Webcam	53X27PT
HP 435 FHD Webcam	77B10AA
HP 965 4K Streaming Webcam	695J5AA

Port Replicators/Dongles/Docking

Port Replicators

HP 4K USB-C Multiport Hub	6G842AA
HP 4K USB-C Multiport Hub	6G843AA
HP 4K USB-C Multiport Hub	6G843UT
HP USB-C to USB-A Hub	Z6A00AA
HP Universal USB-C Multiport Hub	50H55AA
HP Universal USB-C Multiport Hub	50H55PT
HP Universal USB-C Multiport Hub	50H55UT
HP Universal USB-C Multiport Hub	50H98AA

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 Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA
HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to RJ45 Adapter G2	4Z527AA
HP USB-C to RJ45 Adapter G2	4Z534AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

Docking

HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA

HP USB-C Dock G5	5TW10ET

Audio Devices

PC Speakers

HP Bluetooth Speaker 365	567D3AA

Headset Devices

HP Stereo 3.5mm Headset G2	428H6AA
HP Stereo 3.5mm Headset G2	428K7AA
HP Stereo 3.5mm Headset G2	428K7PT
HP Stereo USB Headset G2	428H5AA
HP Stereo USB Headset G2	428K6AA
HP Stereo USB Headset G2	428K6PT

Stands/Mounting Brackets

Mounting Brackets

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

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