HP Elite t655 Thin Client (B49BSUT)



Overview

One of the best thin clients from HP for versatility and performance with robust security and productivity features.

The flexible performance options of the HP Elite t655 Thin Client enables workforce productivity, while commercial-grade security features provide IT peace of mind. Built to support demanding performance requirements, this device helps end users tackle daily tasks, while versatile configuration options help optimize workspaces.

Refined security

The HP Elite t655 Thin Client features multi-layered security with AMD Memory Guard, an embedded OS, and more.

Built for productivity

Enhance performance with a next gen AMD Ryzen™ Embedded R-Series processor[1] and up to three UHD/4K displays.[5]

Flexible configurations

Create a functional workspace with docking displays and stations, and select peripheral devices.[4]

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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.

[4] Peripherals sold separately or as optional features. Compatible with HP E24m G4 FHD USB-C Conferencing Monitor, HP E24u G4 FHD USB-C Monitor, HP E27u G4 QHD USB-C Monitor, HP E27m G4 QHD USB-C Conferencing Monitor, and HP USB-C Dock G5.

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

Specifications

Operating system	Windows 11 IoT Enterprise 2024 LTSC
Processor	AMD Ryzen™ Embedded R2314 (up to 3.5 GHz max boost clock, 2 MB L2 cache, 4 cores, 4 threads)
Memory	8 GB DDR4-3200 MT/s (2 x 4 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
Minimum dimensions (W x D x H)	3.5 x 20 x 20 cm *(Vertical orientation.)*
Minimum dimensions (W x D x H)	1.38 x 7.87 x 7.87 in *(Vertical orientation.)*
Weight	1.12 kg (without stand); 1.17 kg (with stand) *(Weight will vary depending on configuration.)*
Weight	2.5 lb (without stand); 2.6 lb (with stand) *(Weight will vary depending on configuration.)*
Keyboard	HP USB Keyboard
Pointing device	HP Wired 320M Mouse
Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 3.5 mm audio jack
Ports	1 audio-in/out; 1 RJ-45; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 3 DisplayPort™ 1.2
Protocols	Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® through RDP/PCoIP
Power	HP Smart 45 W External AC power adapter
Ecolabels	EPEAT® registered
Sustainable impact specifications	Low Halogen
Software included	HP Device Manager; HP Easy Shell; HP Easy Tools; HP ThinUpdate; HP True Graphics; HP Cloud Endpoint Manager; Microsoft AVD; HP Write Manager[10,11]
Browser supported	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
UPC number	(ABA) 198828830432; (ABC) 198828830395

Additional specifications

Certifications and compliances	EMC; EN 60601-1-2
I/O Port location	Back
I/O Port location	Front
Keyboard interface	USB
Memory layout (slots & size)	2 x 4 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	2
Processor Brand	AMD
Processor base frequency	2.1
Processor cache	2 MB L2
Processor core	4
Processor family	Ryzen™
Processor frequency UOM	GHz
Processor maximum frequency	3.5
Processor maximum frequency uom	GHz
Processor model	R2314
Processor threads	4
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211506

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[10] HP Easy Shell is currently available on Windows Embedded Standard 7E, Windows Embedded Standard 7P, Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro, Windows 10

IOT Enterprise 2016 LTSC, and Windows 10 IoT Enterprise 2019.

[11] HP CEM requires Windows 10 IoT Enterprise LTSC 2016 or later or HP ThinPro 7.2 operating system or later on endpoint and Internet access. Visit https://www.hp.com/us-en/solutions/cloud-computing/thin-client-software.html to download or view the complete details, features and configuration requirements.

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 t5/t6 Thin Client Stand	AK6D5AA

Keyboards/Other Input Devices

Wired Keyboards

HP 125 Wired Keyboard	266C9AA
HP Business Slim Smartcard Keyboard	Z9H48AA
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

Wired Combo

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA

Mice/Pens/Other Pointing Devices

Wired Mice

HP 125 Wired Mouse	265A9AT
HP 125 Wired Mouse	265A9UT

HP Wired Desktop 320M Mouse	9VA80AA

Wireless Mice

HP 435 Multi-Device Wireless Mouse	3B4Q5AA

Components/Upgrades

Memory

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

Storage

HP 256GB 2280 PCIe NVMe Value Solid State Drive	A92L2AA

Internal ports/Modules/Controllers

HP USB to Serial Port Adapter	J7B60AA

Video Devices

Video Devices

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

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

Security

Security Cables

HP Keyed Cable Lock 10 mm	T1A62AA

Audio Devices

Headset Devices

HP Stereo USB Headset G2	428K6AA

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 G4 FHD USB-C Monitor	189T0AA	obsolete
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 G4 QHD USB-C Monitor	189T3AA	obsolete
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	7S4L8AA
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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