

HP Elite t655 Thin Client (B42C3PA)



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]

[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	IGEL OS
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 SDRAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	64 GB eMMC
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Audio	Internal amplified speaker system for basic audio playback
Dimensions (W x D x H)	3.5 x 20 x 20 cm <i>(Vertical orientation.)</i>
Dimensions (W x D x H)	1.38 x 7.87 x 7.87 in <i>(Vertical orientation.)</i>
Weight	1.12 kg (without stand); 1.17 kg (with stand) <i>(Weight will vary depending on configuration.)</i>
Weight	2.5 lb (without stand); 2.6 lb (with stand) <i>(Weight will vary depending on configuration.)</i>
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
Wireless	Realtek Wi-Fi 6 RTL8852BE (2x2) and Bluetooth® 5.3 wireless card
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	198828738844

Additional specifications

Bluetooth version	Bluetooth® 5.2
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 type	DDR4
Number of memory slots	2
Processor Brand	AMD
Processor cache	2 MB L2
Processor core	4
Processor family	Ryzen™
Processor maximum frequency	3.5
Processor maximum frequency uom	GHz
Processor model	R2314
Processor threads	4
Product long name specifications	HP Elite t655 Thin Client, IGEL OS, AMD Ryzen™, 8GB RAM, 64GB eMMC
Product short name specifications	HP Elite t655 Thin Client, AMD Ryzen™, 8GB RAM, 64GB eMMC
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	64
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
UNSPSC code	43211506
Wireless Model	RTL8852BE
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

[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.

Monitors

Business Monitors

★ : Recommended

Series 5 Pro

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT ★
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7A5
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AA
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AS
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7E9
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5A5
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AS
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5E9

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 G5 FHD USB-C Monitor	6N4D0AA
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 G5 QHD USB-C Monitor	6N4D3A5
HP E27u G5 QHD USB-C Monitor	6N4D3AA
HP E27u G5 QHD USB-C Monitor	6N4D3AS
HP E27u G5 QHD USB-C Monitor	6N4D3E9

Hybrid Work Solutions

Audio

★ : Recommended

Wired Headset

Poly EncorePro 525 USB-A Stereo Headset	783R3AA ★
Poly EncorePro 320 Stereo USB-A Headset TAA	767G0AA ★
Poly Blackwire C5220 USB-A Headset	7S4L8AA ★
Poly EncorePro 310 Monaural USB-A Headset TAA	767G1AA
Poly EncorePro 525 Microsoft Teams Certified Stereo with USB-A Headset	783R2AA

Accessories for PC

Components/Upgrades

★ : Recommended

Memory

16GB DDR4 (1x16GB) 3200 SODIMM Memory	13L75AA
HP 8GB DDR4 (1x8GB) 3200 SODIMM NECC Memory	13L77AA

Storage

HP 256GB 2280 PCIe NVMe Value Solid State Drive	A92L2AA
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Stands/Mounting Brackets

Mounting Brackets

Dual VESA Mount Bracket for HP TClient	9UB87AA
HP B300 PC Mounting Bracket	2DW53AA
HP B550 Z Display PC Mounting Bracket	16U00AA
HP B560 PC Mounting Bracket	763U8AA
HP Quick Release Bracket 2	6KD15AA
HP Thin Client Mounting Bracket	2FT00AA

Stands

HP t5/t6 Thin Client Stand	AK6D5AA
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Keyboards/Other Input Devices

Wired Keyboards

HP 125 USB Wired Keyboard	266C9AA
HP 320K Wired Keyboard	9SR37AA
HP 320K Wired Keyboard	9SR37UT
HP Business Slim Smartcard Keyboard	Z9H48AA
HP USB Promo Bus Slim CCID SmartCard Kyd Z9H48AT	Z9H48AT

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 Wired 320M Mouse

9VA80AA

Video Devices

Video Devices

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 G5 Dock

26D32AA

Security

Security Cables

HP Keyed Cable Lock

T1A62AA

Power

Power Adapters

HP Thin Client 45W Power Supply	Y3U71AA
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HP Thin Client 45W Power Supply Cable Y3U68AA	Y3U68AA
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Audio Devices

Headset Devices

HP USB G2 Stereo Headset	428K6AA
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