

# HP Elite t655 Thin Client Bundle (A12WPUT)



## 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

<b>Operating system</b>	IGEL OS
<b>Processor</b>	AMD Ryzen™ Embedded R2314 (up to 3.5 GHz max boost clock, 2 MB L2 cache, 4 cores, 4 threads)
<b>Memory</b>	8 GB DDR4-3200 SDRAM (2 x 4 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	32 GB eMMC
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	AMD Radeon™ Graphics
<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 <i>(Vertical orientation.)</i>
<b>Minimum dimensions (W x D x H)</b>	1.38 x 7.87 x 7.87 in <i>(Vertical orientation.)</i>
<b>Weight</b>	1.12 kg (without stand); 1.17 kg (with stand) <i>(Weight will vary depending on configuration.)</i>
<b>Weight</b>	2.5 lb (without stand); 2.6 lb (with stand) <i>(Weight will vary depending on configuration.)</i>
<b>Keyboard</b>	HP USB Keyboard
<b>Pointing device</b>	HP Wired 320M Mouse
<b>Ports</b>	1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 3.5 mm audio jack
<b>Ports</b>	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
<b>Wireless</b>	Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
<b>Protocols</b>	Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® through RDP/PCoIP
<b>Power</b>	HP Smart 45 W External AC power adapter
<b>Ecolabels</b>	EPEAT® registered
<b>Sustainable impact specifications</b>	Low Halogen
<b>Software included</b>	HP Device Manager; HP Easy Shell; HP Easy Tools; HP ThinUpdate; HP True Graphics; HP Cloud Endpoint Manager; Microsoft AVD; HP Write Manager <sup>[10,11]</sup>
<b>Browser supported</b>	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)
<b>UPC number</b>	198122701315

## Additional specifications

<b>Bluetooth version</b>	Bluetooth® 5.2
<b>Certifications and compliances</b>	EMC; EN 60601-1-2
<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>	2 x 4 GB
<b>Memory module type</b>	SODIMM
<b>Memory size</b>	8
<b>Memory size uom</b>	GB
<b>Memory speed</b>	3200
<b>Memory speed uom</b>	MHz
<b>Memory type</b>	DDR4
<b>Number of memory slots</b>	2
<b>Processor Brand</b>	AMD
<b>Processor base frequency</b>	2.1
<b>Processor cache</b>	2 MB L2
<b>Processor core</b>	4
<b>Processor family</b>	Ryzen™
<b>Processor frequency UOM</b>	GHz
<b>Processor maximum frequency</b>	3.5
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	R2314
<b>Processor threads</b>	4
<b>Product long name specifications</b>	HP Elite t655 Thin Client Bundle, IGEL OS, AMD Ryzen™, 8GB RAM, 32GB eMMC
<b>Product short name specifications</b>	HP Elite t655 Thin Client Bundle, AMD Ryzen™, 8GB RAM, 32GB eMMC
<b>Standard memory note</b>	Transfer rates up to 3200 MT/s.
<b>Storage capacity</b>	32
<b>Storage capacity uom 01</b>	GB
<b>Storage type</b>	eMMC
<b>Storage type 01</b>	eMMC
<b>UNSPSC code</b>	43211506
<b>Wireless Model</b>	RTL8852BE

<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	Wi-Fi 6
<b>Wireless supplier</b>	Realtek

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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.*

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## Accessories

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

★ : Recommended

#### Mounting Kits

Dual VESA Mount Bracket for HP Thin Client	9UB87AA
HP B300 PC Mounting Bracket	2DW53AA
HP B300 PC Mounting Bracket	2DW53AT
HP B550 PC Mounting Bracket	16U00AA
HP B550 PC Mounting Bracket	16U00AT
HP Quick Release Bracket 2	6KD15AA
HP Quick Release Bracket 2	6KD15AT
HP Thin Client Mounting Bracket	2FT00AA

### Keyboards/Mice and Input Devices

#### Keyboards

HP 125 Wired Keyboard	266C9AA
HP 125 Wired Keyboard	266C9ET
HP 125 Wired Keyboard	266C9UT
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT
HP USB Keyboard for PC	QY776AA
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT

#### Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9ET
HP 125 Wired Mouse	265A9UT
HP 435 Multi-Device Wireless Mouse	3B4Q5AA
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 Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

## Memory

### DDR4 Memory

HP 16GB DDR4-3200 SODIMM	13L75AA	
HP 16GB DDR4-3200 SODIMM	13L75AT	
HP 4GB DDR4-3200 SODIMM	13L79AA	obsolete
HP 4GB DDR4-3200 SODIMM	13L79AT	obsolete
HP 8GB DDR4-3200 SODIMM	13L77AA	
HP 8GB DDR4-3200 SODIMM	13L77AT	obsolete

## 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	obsolete
HP DisplayPort To VGA Adapter	F7W97AA	
HP DisplayPort to DVI-D Adapter	FH973AA	
HP DisplayPort to DVI-D Adapter	FH973AT	obsolete
HP DisplayPort to HDMI True 4K Adapter	2JA63AA	

### Cable Adapters

HP USB-C to VGA Adapter	4SH06AA
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## 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

## Security and Protection

### PC Locks

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

## Audio/Multimedia and Communication Devices

### Headsets

HP Stereo USB Headset G2	428K6AA
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## Batteries/Chargers/Adapters

### Power Supplies

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

## Expansion Solution and Controller Cards

### Port Adapters

HP USB to Serial Port Adapter	J7B60AA
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## Docking and Port Replicators

### Docking Stations

HP USB-C Dock G5	26D32AA
HP USB-C G5 Essential Dock	72C71AA
HP USB-C G5 Essential Dock	72C71ET

## Thin Clients Accessories

### Thin Clients Accessories

Thin Client Recessed VESA Spacer Bulk Kit	1R2G8A6
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## Accessories for PC

### Video Devices

★ : Recommended

#### Video Devices

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

# 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	40Z32AT
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E24u G5 FHD USB-C Monitor	6N4D0AA
HP E24u G5 FHD USB-C Monitor	6N4D0AS
HP E24u G5 FHD USB-C Monitor	6N4D0AT
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	40Z29AT
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9
HP E27u G4 QHD USB-C Monitor	189T3AA
HP E27u G5 QHD USB-C Monitor	6N4D3AA
HP E27u G5 QHD USB-C Monitor	6N4D3AS
HP E27u G5 QHD USB-C Monitor	6N4D3AT
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	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

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