



# HP Elite t655 Thin Client (B5VE9UA)



## 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                                                                                                      |
| Dimensions (W x D x H)            | 3.5 x 20 x 20 cm<br>(Vertical orientation.)                                                                                                                     |
| Dimensions (W x D x H)            | 1.38 x 7.87 x 7.87 in<br>(Vertical orientation.)                                                                                                                |
| Weight                            | 1.12 kg (without stand); 1.17 kg (with stand)<br>(Weight will vary depending on configuration.)                                                                 |
| Weight                            | 2.5 lb (without stand); 2.6 lb (with stand)<br>(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                        |
| 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 <sup>[10,11]</sup> |
| Browser supported                 | Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)                                              |
| UPC number                        | (ABA) 198990149189; (ABC) 198990149196                                                                                                                          |

## 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 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                        |
| Wireless Model                  | RTL8852BE                       |
| Wireless antenna                | 2x2                             |

**Wireless standard**

Wi-Fi 6

**Wireless supplier**

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 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 |
| Thin Client Recessed VESA Spacer Bulk Kit  | 1R2G8A6 |

#### Stands

|                                                            |         |
|------------------------------------------------------------|---------|
| HP Integrated Work Center for Desktop Mini and Thin Client | G1V61AA |
| HP Integrated Work Center for Desktop Mini and Thin Client | G1V61AT |
| 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 Business Slim Smartcard Keyboard | Z9H48AT |
| 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 |

#### 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 |

|                             |         |
|-----------------------------|---------|
| 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 |
| 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 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 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 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 |



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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