

# HP Elite t755 Thin Client (B5VL0UT)



## 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                 | 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) | 5 x 21 x 21 cm<br>(Vertical orientation.)                                                                                                                                                               |
| Dimensions (W x D x H) | 1.97 x 8.26 x 8.26 in<br>(Vertical orientation.)                                                                                                                                                        |
| Weight                 | 1.4 kg<br>(Weight will vary depending on configuration.)                                                                                                                                                |
| Weight                 | 3 lb<br>(Weight will vary depending on configuration.)                                                                                                                                                  |
| Keyboard               | HP 125 Wired Keyboard                                                                                                                                                                                   |
| Pointing device        | HP 125 Wired 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                                                                          |
| Wireless               | Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)                                                                                                         |
| 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                                                                                                                                                                       |
| Ecolabels              | EPEAT® registered                                                                                                                                                                                       |
| Energy star certified  | ENERGY STAR® certified                                                                                                                                                                                  |
| Browser supported      | Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 10 IoT Enterprise LTSC 2021)                                                                                      |
| UPC number             | (ABA) 198990150512; (ABC) 198990150529                                                                                                                                                                  |

## Additional specifications

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Bluetooth version               | Bluetooth® 5.3                                |
| Datasheet photo 1               | AHID/51b294c061b0d7ad7905c27166bdf71b97750e75 |
| ECC memory                      | non-ECC                                       |
| I/O Port location               | Back                                          |
| I/O Port location               | Front                                         |
| Keyboard connectivity           | Wired                                         |
| 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 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                                            |
| Software included               | HP Write Manager                              |
| Software included               | HP Device Manager                             |
| Software included               | HP Easy Update                                |
| Software included               | HP Easy Shell                                 |
| Software included               | HP Smart Zero Client Services                 |
| Software included               | HP ThinUpdate                                 |
| Software included               | HP True Graphics                              |
| Software included               | Microsoft SCCM/EDM Agent                      |
| Software included               | HP User State Tool                            |
| Software included               | HP USB Port Manager                           |

|                                   |                                 |
|-----------------------------------|---------------------------------|
| 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 | [6,8,12,15]                     |
| 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 | [6,12,15]                       |
| 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                        |
| Wireless Model                    | RTL8852BE                       |
| Wireless antenna                  | 2x2                             |
| Wireless standard                 | Wi-Fi 6                         |
| Wireless supplier                 | Realtek                         |
| Wireless transfer speeds          | Supporting Gigabit data rate    |

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## 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 |

## 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

## Disclaimer — Copyright

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