

HP Elite t755 Thin Client (AF9B1UA)



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]

[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 | IGEL OS |
| Processor | AMD Ryzen™ Embedded V2546 (up to 3.95 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads) |
| Memory | 16 GB DDR4-3200 MHz RAM (2 x 8 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 256 GB PCIe® NVMe™ SSD |
| Graphics (discrete) | AMD Radeon™ RX 6300 Graphics (2 GB GDDR6 dedicated) |
| Graphics | Integrated |
| Graphics (integrated) | AMD Radeon™ Graphics |
| Audio | Internal amplified speaker system for basic audio playback |
| Minimum dimensions (W x D x H) | 5 x 21 x 21 cm <i>(Vertical orientation.)</i> |
| Minimum dimensions (W x D x H) | 1.97 x 8.26 x 8.26 in <i>(Vertical orientation.)</i> |
| Weight | 1.4 kg <i>(Weight will vary depending on configuration.)</i> |
| Weight | 3 lb <i>(Weight will vary depending on configuration.)</i> |
| 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 |
| 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) 198701413271; (ABC) 198701122029 |

Additional specifications

| | |
|---------------------------------|---|
| Datasheet photo 1 | AHID/51b294c061b0d7ad7905c27166bdf71b97750e75 |
| ECC memory | non-ECC |
| Graphics card brand | AMD |
| Graphics card family | Radeon™ |
| Graphics card memory size | 2 |
| Graphics card memory size uom | GB |
| Graphics card memory type | GDDR6 |
| I/O Port location | Back |
| I/O Port location | Front |
| Keyboard connectivity | Wired |
| Memory layout (slots & size) | 2 x 8 GB |
| Memory module type | DIMM |
| Memory size | 16 |
| Memory size uom | GB |
| Memory speed | 3200 |
| Memory speed uom | MHz |
| Memory type | DDR4 |
| Model Number | RX 6300 |
| 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 threads | 12 |
| Software included | HP Device Manager |
| Software included | HP User State Tool |
| Software included | HP ThinUpdate |
| Software included | HP Smart Zero Client Services |
| Software included | HP Easy Shell |
| Software included | HP Easy Update |
| Software included | Microsoft SCCM/EDM Agent |

| | |
|--|---------------------------------|
| Software included | HP USB Port Manager |
| Software included | HP True Graphics |
| Software included | HP Write Manager |
| 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 | [6,12,15] |
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| Software included footnote number | [6,12,13,15] |
| Software included footnote number | [6,8,12,15] |
| 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 interface 01 | PCIe® |
| Storage interface protocol 01 | NVMe™ |
| Storage type | SSD |
| Storage type 01 | SSD |
| UNSPSC code | 43211506 |

Accessories for PC

Components/Upgrades

★ : Recommended

Graphics

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| AMD Radeon RX 6300 2 GB GDDR6 FH DP+HDMI PCIe x16 Graphics | 7Y6P7AA |
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Memory

| | |
|--------------------------|---------|
| HP 16GB DDR4-3200 SODIMM | 13L75AA |
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| HP 16GB DDR4-3200 SODIMM | 13L75AT |
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|-------------------------|---------|
| HP 8GB DDR4-3200 SODIMM | 13L77AA |
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Internal ports/Modules/Controllers

| | |
|-------------------------------|---------|
| HP PCIe x1 Parallel Port Card | N1M40AA |
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| HP PCIe x1 Parallel Port Card | N1M40AT |
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|-------------------------------|---------|
| HP USB to Serial Port Adapter | J7B60AA |
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| Intel I226-T1 2.5GbE Ethernet Network Adapter | 9P1U8AA |
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Keyboards/Other Input Devices

Wired Keyboards

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|-----------------------|---------|
| HP 125 Wired Keyboard | 266C9AA |
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|--------------------------------|---------|
| HP Wired Desktop 320K Keyboard | 9SR37AA |
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| HP Wired Desktop 320K Keyboard | 9SR37UT |
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Wired Combo

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|---|---------|
| HP 225 Antimicrobial Wired Mouse and Keyboard Combo | 286K3AA |
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| HP 225 Wired Mouse and Keyboard Combo | 286J4AA |
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| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36AA |
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| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36UT |
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Wireless Combo

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| HP 235 Wireless Mouse and Keyboard Combo | 1Y4D0AA |
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| HP 235 Wireless Mouse and Keyboard Combo | 1Y4D0UT |
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| HP 655 Wireless Keyboard and Mouse Combo | 4R009AA |
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| HP 655 Wireless Keyboard and Mouse Combo | 4R009UT |
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|--|---------|
| HP 655 Wireless Keyboard and Mouse Combo (Bulk 10) | 4R009A6 |
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HP Wireless Rechargeable 950MK Mouse and Keyboard

3M165AA

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

HP Wired Desktop 320M Mouse

9VA80UT

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

HP Wireless Premium Mouse

1JR31AA

HP Wireless Premium Mouse

1JR31UT

Video Devices

Video Devices

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| 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

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

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| 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

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| HP USB-C Dock G5 | 26D32AA |
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| HP USB-C Dock G5 | 5TW10AA |
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| HP USB-C Dock G5 | 5TW10ET |
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Audio Devices

PC Speakers

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| HP Bluetooth Speaker 365 | 567D3AA |
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Headset Devices

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|----------------------------|---------|
| HP Stereo 3.5mm Headset G2 | 428H6AA |
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| HP Stereo 3.5mm Headset G2 | 428K7AA |
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| HP Stereo 3.5mm Headset G2 | 428K7PT |
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| HP Stereo USB Headset G2 | 428H5AA |
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| HP Stereo USB Headset G2 | 428K6AA |
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| HP Stereo USB Headset G2 | 428K6PT |
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Stands/Mounting Brackets

Mounting Brackets

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| HP Quick Release Bracket 2 | 6KD15AA |
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| HP Quick Release Bracket 2 | 6KD15AT |
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| Thin Client Recessed VESA Spacer Bulk Kit | 1R2G8A6 |
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