# HP Elite t660 Thin Client (BP0L1UT)

## Overview

**Empower your workforce with secure server-based computing**

This high-performance, reliable HP Elite t660 Thin Client workhorse enables productivity, while HP Wolf Security[3] features provide IT peace of mind. Built to support demanding workloads, whether in the office or working remote, this cloud device helps end users tackle daily tasks, while versatile configurations help optimize workspaces.

### Seamless multitasking performance

Experience peak productivity with a 5-core Intel® processor[1] and support for up to four stunning 4K displays.[2]

### Effortless, secure collaboration

Efficiently manage projects with optimized UC solutions for Microsoft Teams, Zoom, Citrix WebEx, and more.[4]

### HP BIOS and Wolf Security

Fortify security with the inherently secure HP thin client, enhanced by HP BIOS and Wolf Security.[3]

### Build for a better tomorrow

The EPEAT® registered[5] thin client uses 100% sustainably sourced and recyclable outer box packaging.[6]

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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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[2] 4k content required to view 4K images. Displays sold separately and not included.

[3] HP Wolf Security for Business is available via download from https://www.hp.com/us-en/security/endpoint-security-solutions.html?jumpid=ps_us_go_mk_se_cm018303_con_x Windows 10 or 11 Pro and higher is required. Various HP security features are included and are available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.

[4] Internet access required and not included.

[5] EPEAT® status varies by country. Visit http://www.epeat.net for more information.

[6] 100% of HP paper-based packaging is from recycled or certified sustainable sources. HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for commercial, personal systems accessories, and spare parts is not included.

# Specifications

| | |
|---|---|
| Operating system | Windows 11 IoT Enterprise 2024 LTSC |
| Processor | Intel® Processor U300E (up to 4.3 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 5 cores, 6 threads) |
| Memory | 16 GB DDR5-5600 MT/s (2 x 8 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 256 GB PCIe® NVMe™ M.2 SSD |
| Graphics | Integrated |
| Graphics (integrated) | Intel® 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 | 1.15 kg (without stand); 1.2 kg (with stand)<br>*(Weight will vary depending on configuration.)* |
| Weight | 2.53 lb (without stand); 2.64 lb (with stand)<br>*(Weight will vary depending on configuration.)* |
| Keyboard | HP USB 320K wired keyboard |
| Pointing device | HP Wired 320M Mouse |
| Ports | 2 USB Type-A 5Gbps signaling rate; 1 3.5 mm audio jack; 1 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) |
| Ports | 1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 3 DisplayPort™ 1.4; 1 RJ-45; 1 audio-in/out |
| Network interface | Realtek RTL8111HSH-CG GbE |
| Protocols | Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® through RDP/PCoIP |
| Power | 45 W external Smart AC power adapter, up to 87% efficiency |
| Ecolabels | ENERGY STAR® certified |
| Energy star certified | ENERGY STAR® certified |
| Sustainable impact specifications | Low halogen; 80% recycled aluminum in the rear plate; 15% recycle SGCC steel chassis; 50% ocean-bound plastic in fan enclosure |
| Browser supported | Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 11 IoT Enterprise LTSC 2024) |
| UPC number | (ABA) 199251367809; (ABC) 199251367786 |

# Additional specifications

| | |
|---|---|
| Display support | Up to 4 displays with three DisplayPort™ 1.4 video 3 DP outputs provided at the back of the system, 1 optional Type-C® card via option port. |
| I/O Port location | Back |
| I/O Port location | Front |
| Keyboard connectivity | Wired |
| Keyboard interface | USB |
| Memory layout (slots & size) | 2 x 8 GB |
| Memory module type | SODIMM |
| Memory size | 16 |
| Memory size uom | GB |
| Memory speed | 5600 |
| Memory speed uom | MT/s |
| Memory type | DDR5 |
| Number of memory slots | 2 |
| Processor Brand | Intel® |
| Processor cache | 8 MB L3 |
| Processor core | 5 |
| Processor frequency technology | Intel® Turbo Boost Technology |
| Processor maximum frequency | 4.3 |
| Processor maximum frequency uom | GHz |
| Processor model | U300E |
| Processor threads | 6 |
| Product long name specifications | HP Elite t660 Thin Client, Windows 11 IoT Enterprise 2024 LTSC, Intel® 16GB RAM, 256GB SSD |
| Product short name specifications | HP Elite t660 Thin Client, Intel® 16GB RAM, 256GB SSD |
| Security management | HP Device Manager |
| Security management | HP Sure Start |
| Security management | HP Secure Erase |
| Security management | HP Thin Update |
| Security management | HP Easy Tools |
| Security management | HP Sure Admin |
| Security management | HP User State Tool |
| Security management | HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4 |

| | |
|---|---|
| **Security management** | HP Smart Zero Client Services |
| **Security management** | HP USB Port Manager |
| **Security management footnote number** | [10] |
| **Security management footnote number** | [12] |
| **Software included** | HP Device Manager |
| **Software included** | HP Easy Shell |
| **Software included** | HP ThinUpdate |
| **Software included** | HP True Graphics |
| **Software included** | HP Write Manager |
| **Software included** | Microsoft AVD |
| **Software included** | HP Easy Tools |
| **Software included footnote number** | [11] |
| **Software included footnote number** | [14] |
| **Standard memory note** | Transfer rates up to 5600 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 |

# Hybrid Work Solutions

## Audio

### 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

## 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 Thin Client Mounting Bracket | 2FT00AA |
| Thin Client Recessed VESA Spacer Bulk Kit | 1R2G8A6 |

## Video Devices

### Video Devices

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

## Keyboards/Other Input Devices

### Wired Keyboards

| | |
|---|---|
| HP Bus Slim v2 Smart Card USB Keyboard | A71J9AA |

## Power

### Power Adapters

| | |
|---|---|
| HP Thin Client 45W Power Supply and Power Cable | Y3U68AA |

## Port Replicators/Dongles/Docking

### Docking

| | |
|---|---|
| HP Thunderbolt Dock 120W G4 | 4J0A2AA |
| HP Thunderbolt Dock 120W G4 | 4J0A2ET |
| HP USB-C Dock G5 | 26D32AA |
| HP USB-C Dock G5 | 5TW10AA |
| HP USB-C Dock G5 | 5TW10ET |

### Cables/Cable Adapters/Dongles

| HP USB-C to VGA Adapter | 4SH06AA |
| --- | --- |

## Mice/Pens/Other Pointing Devices

### Wired Mice

| HP Wired Desktop 320M Mouse | 9VA80AA |
| --- | --- |

# Monitors

## Business Monitors

★ : Recommended

### Series 5 Pro

| | |
|---|---|
| HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm | 9E0G9UT |
| HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm PVC Free | 9E0G9A5 |
| 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 23.8 inch FHD USB-C Monitor - 524pu PVC Free | 9D9V7A5 |
| HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm | 9E0Y9UT |
| HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm PVC Free | 9E0Y9A5 |
| 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 |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu PVC Free | 9E0G5A5 |

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