### **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]

### **HP BIOS and Wolf Security**

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

#### Effortless, secure collaboration

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

#### **Build for a better tomorrow**

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

- [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

Processor  Memory  Memory  Memory Slots  Internal Storage  Graphics  Graphics  Integrated  Intel® Graph  Audio  Internal am  Dimensions (W x D x H)  Weight  Weight  Weight  Keyboard  Pointing device  Ports  Ports  Network interface  Protocols  Power  Ecolabels  Energy star certified  Realted  Intel® Graph  In	
Memory 16 GB DDR5  Memory Slots 2 SODIMM Internal Storage 256 GB PCIe Graphics Integrated Integrated  Mudio Internal am Dimensions (W x D x H) 3.5 x 20 x 2 (Vertical o  Dimensions (W x D x H) 1.38 x 7.87 (Vertical o  Weight 1.15 kg (wit (Weight w)  Weight 2.53 lb (wit (Weight w)  Keyboard HP USB 320  Pointing device HP Wired 32  Pointing device HP Wired 32  Ports 2 USB Type with USB4** DisplayPort  Ports 1 USB Type USB 2.0 Typ. Network interface Realtek RTL Protocols Citrix® HDX Power 45 W extern Ecolabels ENERGY STA  Sustainable impact specifications Low haloge steel chassis	1 IoT Enterprise 2024 LTSC
Memory Slots 2 SODIMM Internal Storage 256 GB PCIe Graphics Integrated Intel® Graph Audio Internal am Dimensions (W x D x H) 3.5 x 20 x 2 (Vertical or Vertical or	essor U300E (up to 4.3 GHz with Intel® Turbo Boost , 8 MB L3 cache, 5 cores, 6 threads)
Internal Storage  Graphics  Integrated  Intel® Graph  Audio  Internal am  Dimensions (W x D x H)  Dimensions (W x D x H)  Weight  Weight  Keyboard  Pointing device  Ports  Ports  1 USB Type with USB 47 DisplayPort DisplayPort  Network interface  Protocols  Power  Ecolabels  Energy star certified  Realted  Intel® Graph Intel® Graph  Audio  Internal am  3.5 x 20 x 2 (Vertical or (V	5-5600 MT/s (2 x 8 GB)
Graphics (integrated)  Audio Internal am  Dimensions (W x D x H)  Dimensions (W x D x H)  Weight  Weight  Keyboard  Pointing device  Ports  Ports  1 USB Type with USB 47 DisplayPort  Ports  Network interface  Realtek RTL  Protocols  Power  45 W extern  Ecolabels  Energy star certified  Rrowser supported  Integrated  Integrated Intel® Graph  Intel® Graph  Audio  Intel® Graph  Intel® Avertical or  Intel® Graph  Intel® Graph  Intel® Graph  Intel® Avertical or  Intel® Graph  Intel® Coverned  Intel® Graph  Intel® Coverned  Intel® Coverned  Intel® Graph  Intel® Graph  Intel® Coverned  Inte	
Graphics (integrated)  Audio  Internal am  Jimensions (W x D x H)  Dimensions (W x D x H)  Dimensions (W x D x H)  Weight  Weight  Weight  Keyboard  Pointing device  HP Wired 32  Ports  Ports  Ports  1 USB Type with USB4™ DisplayPort  Network interface  Protocols  Power  Ecolabels  Energy star certified  Sustainable impact specifications  Internal am  1.15 kg (wit (Wertical o (Vertical o	<sup>®</sup> NVMe™ M.2 SSD
Audio  Dimensions (W x D x H)  Dimensions (W x D x H)  Neight  Weight  Weight  Keyboard  Pointing device  Ports  Ports  1 USB Type with USB4 DisplayPort  Ports  1 USB Type USB 2.0 Type  Weight  Network interface  Protocols  Power  Ecolabels  Energy star certified  Sustainable impact specifications  Rowser supported  Internal am  3.5 x 20 x 2 (Vertical or	
Dimensions (W x D x H)  Dimensions (W x D x H)  Neight  Weight  Weight  Keyboard  Pointing device  HP Wired 32  Ports  Ports  1 USB Type with USB 470 DisplayPorts  Network interface  Protocols  Power  Ecolabels  Energy star certified  Sustainable impact specifications  Required  1.35 x 20 x 2 (Vertical or (Vertical	nics
Dimensions (W x D x H)  Dimensions (W x D x H)  Neight  Weight  Weight  Keyboard  Pointing device  Ports  Ports  Ports  1 USB Type with USB4™ DisplayPort  Ports  1 USB Type With USB 2.0 Typ Network interface  Realtek RTL  Protocols  Citrix® HDX  Power  45 W extern  Ecolabels  Energy star certified  ENERGY STA  Sustainable impact specifications  Rrowser supported  Mozilla Firet	plified speaker system for basic audio playback
Weight  Weight  Weight  Weight  Weight  Keyboard  Pointing device  HP Wired 32  Ports  Ports  Ports  1 USB Type USB 2.0 Typ USB 2.0 Typ Network interface  Realtek RTL Protocols  Citrix® HDX  Power  Ecolabels  Energy star certified  Sustainable impact specifications  Realted  Mozilla Fired	0 cm rientation.)
Weight  Weight  Weight  Keyboard  Pointing device  HP Wired 32  Ports  Ports  Ports  1 USB Type With USB4T DisplayPort  USB 2.0 Typ  Network interface  Realtek RTL  Protocols  Citrix® HDX  Power  45 W extern  Ecolabels  Energy star certified  Sustainable impact specifications  Rrowser supported  Mozilla Fired	x 7.87 in rientation.)
Weight       (Weight with Weight with Weight with USB 320)         Pointing device       HP Wired 320         Ports       2 USB Type with USB 477 DisplayPorts         Ports       1 USB Type USB 2.0	thout stand); 1.2 kg (with stand)  ill vary depending on configuration.)
Pointing device  Ports  2 USB Type with USB4Type with USB4Type USB 2.0 Typ Network interface  Realtek RTL Protocols  Citrix® HDX Power  45 W extern Ecolabels  Energy star certified  ENERGY STA Sustainable impact specifications  Mozilla Fired	hout stand); 2.64 lb (with stand)  ill vary depending on configuration.)
Ports  2 USB Type with USB4 DisplayPort  1 USB Type USB 2.0 Typ Network interface Realtek RTL Protocols Citrix® HDX Power 45 W extern Ecolabels Energy star certified ENERGY STA Sustainable impact specifications  Browser supported  2 USB Type with USB4 Citrix® LOSB Type with USB4 Type USB 7ype USB 2.0 Typ USB 2.	OK wired keyboard
Ports with USB4Th DisplayPort  Ports 1 USB Type USB 2.0 Typ  Network interface Realtek RTL  Protocols Citrix® HDX  Power 45 W extern  Ecolabels ENERGY STA  Energy star certified ENERGY STA  Sustainable impact specifications Low haloge steel chassi  Browser supported Mozilla Firetometric States and States an	20M Mouse
Network interface  Realtek RTL  Protocols  Citrix® HDX  Power  45 W extern  Ecolabels  Energy star certified  ENERGY STA  Sustainable impact specifications  Low haloge steel chassis  Mozilla Firet	-A 5Gbps signaling rate; 1 3.5 mm audio jack; 1 Thunderbolt™ 4 ™ Type-C® 40Gbps signaling rate (USB Power Delivery, ™ 1.4, HP Sleep and Charge)
Protocols Citrix® HDX  Power 45 W extern  Ecolabels Energy star certified ENERGY STA  Sustainable impact specifications Low haloge steel chassis  Mozilla Firet	-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 2 be-A; 3 DisplayPort™ 1.4; 1 RJ-45; 1 audio-in/out
Power 45 W extern  Ecolabels ENERGY STA  Energy star certified ENERGY STA  Sustainable impact specifications Low haloge steel chassi  Browser supported Mozilla Fired	8111HSH-CG GbE
Energy star certified ENERGY STA  Sustainable impact specifications Low haloge steel chassis  Browser supported Mozilla Fired	; Microsoft RFX/RDP; VMware Horizon® through RDP/PCoIP
Energy star certified ENERGY STA  Sustainable impact specifications Low haloge steel chassi  Browser supported Mozilla Fired	nal Smart AC power adapter, up to 87% efficiency
Sustainable impact specifications  Low haloge steel chassi	AR® certified
Sustainable impact specifications steel chassi  Browser supported Mozilla Fire	AR® certified
Browser sunnorrea	n; 80% recycled aluminum in the rear plate; 15% recycle SGCC is; 50% ocean-bound plastic in fan enclosure
	fox (for models with HP ThinPro); Microsoft Edge (for models ws 11 IoT Enterprise LTSC 2024)
UPC number (ABA) 1992	51367809; (ABC) 199251367786

# Additional specifications

Display support	Up to 4 displays with three DisplayPort <sup><math>m</math></sup> 1.4 video 3 DP outputs provided at the back of the system, 1 optional Type-C <sup>®</sup> 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 <sup>®</sup>
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211506

# **Hybrid Work Solutions**

**Audio** ★: Recommended

## **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**

# 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

★: Recommended

## **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
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## Power

## **Power Adapters**

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

# Mice/Pens/Other Pointing Devices

## **Wired Mice**

HP Wired Desktop 320M Mouse

9VA80AA

### **Monitors**

### **Business Monitors**

#### 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

★: Recommended

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