eDatasheet
HP t640 Thin Client (2A158UT)

The highly secure thin client optimized for workplace productivity

Tackle your hybrid local and virtual computing workloads with the HP t640 Thin Client. Help keep your data and device safe across your workflows with built-in security features. Choose the right fit for your specific users and environment with a range of subsystem options.

Maximize what you can accomplish
Empower your workforce with performance that conquers every task—an AMD Ryzen™ R1505G processor[1], high-speed, responsive system memory, and native support for up to three UHD/4K displays.

Refined security
Encrypt data as it flows between the system memory and processor, protect firmware, and lock down access with an inherently secure thin client that has AMD Memory Guard, an embedded OS, and a NIST SP800-193 component.

Modern flexibility
Select from up to 35 different subsystem options, including wired or wireless networking and support for legacy peripherals. Conveniently position the thin client in up to six different orientations with an integrated VESA mount.[2]

Specifications

Operating system	Windows 10 IoT Enterprise for Thin Clients 64
Memory	8 GB DDR4-2400 SDRAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	128 GB Flash memory
Minimum dimensions (W x D x H)	3.5 x 19.6 x 19.6 cm *(Vertical orientation.)*
Minimum dimensions (W x D x H)	1.24 x 7.71 x 7.71 in *(Vertical orientation.)*
Weight	1 kg *(Weight will vary depending on configuration.)*
Weight	2.2 lb *(Weight will vary depending on configuration.)*
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB Optical Mouse
Ports	1 headphone/microphone combo; 1 USB 3.1 Gen 1; 1 USB 3.1 Type-C™ Gen 2; 1 USB 3.1 Gen 2
Ports	1 audio-in; 2 USB 2.0; 2 USB 3.1 Gen 1; 3 DisplayPort 1.2
Protocols	Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
Power	45 W smart external power adapter
Energy efficiency	ENERGY STAR® certified
Environmental	Low halogen
Browser supported	Internet Explorer (for models with Windows 10 IoT Enterprise LTSC 2019); Mozilla Firefox (for models with HP ThinPro)
UPC number	(ABA) 194850465024; (ABC) 194850465147; (ABM) 194850465154

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[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] Mounting hardware sold separately.

Technical Specifications Footnotes

No Technical Specifications Footnotes