ProductSheet
t640 Thin Client Bundle (4Z6U5UA)

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]

Featuring

Optimize for your environment
Balance the load on remote resources with the HP t640 Thin Client that easily integrates into your virtualized computing or a hybrid cloud computing environment.

Built for the modern workspace
Create a more modern workspace by configuring your HP t640 Thin Client to work with a USB-C® docking display.

Proactive protection controls
Deter unauthorized updates with an embedded operating system that protects flash memory. Customize user settings and permissions to monitor and control incoming and outgoing data.

Do not disturb
Create a working environment focused on productivity with the fanless t640 Thin Client equipped with modern solid-state drives for near silent operation.

Specifications

Operating system	HP ThinPro
Processor	AMD Ryzen™ R1505G (2.4 GHz base clock, up to 3.3 GHz max boost clock, 4 MB L3 cache, 2 cores)
Memory	8 GB DDR4-2400 MHz RAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	32 GB M.2 Flash memory
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Vega 3 Graphics
Audio	Internal amplified speaker system for basic audio playback
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
Wireless	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 wireless card; Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 wireless card
Protocols	Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
Power	45 W smart external power adapter
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen
Software included	HP Device Manager; HP Easy Shell; HP Easy Tools; HP Smart Zero Client Services; HP ThinUpdate; HP True Graphics; Microsoft SCCM/EDM Agent
Browser supported	Internet Explorer (for models with Windows 10 IoT Enterprise LTSC 2019); Mozilla Firefox (for models with HP ThinPro)
UPC number	(ABA) 196188564530; (ABC) 196188564547

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, 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

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