

HP t640 Thin Client (7TK40UA)



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 | HP ThinPro |
| Memory | 4 GB DDR4-2400 SDRAM (1 x 4 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 16 GB M.2 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 |
| Network interface | Intel® Dual Band Wireless-AC 9260 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo |
| 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) 193905700882; (ABC) 193905700967 |

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

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