



HP t740 Thin Client

The thin client built to drive graphic-heavy workflows

Deliver secure, powerhouse performance to your graphics-intensive virtual, cloud, and local computing environments with the HP t740 Thin Client, our most powerful desktop thin client that supports up to six 4K displays.¹



Our ultimate power and performance

- Blaze through demanding workloads with the ultra-powerful AMD Ryzen™ Embedded V1756B processor² and fast system memory. Render content seamlessly with support for up to six UHD/4K displays.¹

Robust 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.

Built to spec, built for you

- Get a thin client optimized for your unique business needs with a configurable PCIe slot that supports advanced graphics, multiple displays, alternative networking, and optional ports.

Value-added software

- Remotely setup and deploy your devices, boost Wi-Fi® network performance, and get local-quality multimedia with included software that makes our thin clients capable, responsive, and reliable.

Featuring

- 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.
- Secure your content and data even more with an optional smartcard-integrated keyboard and Fiber Optic NIC connection.

HP t740 Thin Client Specifications Table



Available Operating Systems	Windows 10 IoT Enterprise LTSC 2019 HP ThinPro
Browser	Internet Explorer (for models with Windows 10 IoT Enterprise LTSC 2019); Mozilla Firefox (for models with HP ThinPro)
Available Processors¹	AMD Ryzen™ V1756B with Radeon™ Vega 8 Graphics (3.25 GHz base clock, up to 3.6 GHz max boost clock, 2 MB cache, 4 cores)
Maximum memory	32 GB DDR4-3200 SDRAM ³ Transfer rates up to 3200 MT/s
Memory slots	2 SODIMM
Internal storage	16 GB up to 512 GB Flash memory ²
Display support	Up to four displays UHD/4K with four DisplayPort™ 1.2 video outputs provided at the back of the system. Optional support for up to 6 displays using a discrete graphics card providing an additional two DisplayPort™ 1.2 video outputs at the back of the system.
Available Graphics	Integrated: AMD Radeon™ Vega 8
Protocols	Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
Audio	Internal amplified speaker system for basic audio playback
Expansion slots	1 half-height PCIe x16 (x8)
Ports and Connectors	Front: 1 headphone/microphone combo; 1 USB 3.1 Gen 1; 1 USB 3.1 Type-C™; 1 USB 3.1 Type-C™ Gen 2 Back: 2 USB 2.0; 2 USB 3.1 Gen 1; 4 DisplayPort™ 1.2
Input devices	HP USB Business Slim Keyboard; HP USB Optical Mouse;
Communications	LAN: Realtek RTL8111HSH GbE; Allied Telesis AT-2711FX/SC PCIe Fast Ethernet; Allied Telesis AT-2914 SX/SC PCIe Gigabit; Allied Telesis AT-2914 SX/LC PCIe Gigabit ^{4,5} ; WLAN: Intel® Wireless-AC 9260 Wi-Fi 5 (2x2) and Bluetooth® 5 Combo ;
Available Software	HP Device Manager; HP Easy Shell; HP Easy Tools; HP Smart Zero Client Services; HP ThinUpdate; HP True Graphics; Microsoft SCCM/EDM Agent ⁶
Power	90 W smart external power adapter
Dimensions	5 x 21 x 21 cm (Vertical orientation.)
Weight	1.33 kg (Weight will vary depending on configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered ⁷
Environmental specifications	Low halogen ⁸

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Accessories and services (not included)

HP Z23n G2 23-inch Display



Be a productive powerhouse with the sleek HP Z23n G2 58.42 cm (23") Display. This virtually seamless Full HD display is factory-tested for reliability and longevity with integrated color calibration, uninterrupted multi-screen¹ tiling, and expansive device connections. Stable, low-cost and desktop-like performance providing maximum security. Industry leading and proven enterprise technology that delivers lower ownership costs to server-based computing – ideal for transaction-based applications that require maximum security. HP Thin Clients are designed for businesses requiring desktop-like performance and PCs that are easy to deploy and manage, providing unprecedented investment protection and guaranteed uptime.
Product number: 1J506A4

HP Z24n G2 24-inch Display



Be a productive powerhouse with the sleek WUXGA HP Z24n G2 60.96 cm (24") Display. This virtually seamless display is factory-tested for reliability and longevity with integrated color calibration, uninterrupted multi-screen¹ tiling, and expansive device connections, including USB-C™. Stable, low-cost and desktop-like performance providing maximum security. Industry leading and proven enterprise technology that delivers lower ownership costs to server-based computing – ideal for transaction-based applications that require maximum security. HP Thin Clients are designed for businesses requiring desktop-like performance and PCs that are easy to deploy and manage, providing unprecedented investment protection and guaranteed uptime.
Product number: 1J509A4

HP 5 year Next Business Day Advanced Exchange Hardware Support for Thin Clients



HP provides quick replacement of your failed hardware unit the day after it goes down, if the problem can't be resolved remotely, for 5 years.
Product number: U7929E

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Messaging Footnotes

¹ DisplayPort™ cables and displays sold separately. The HP t740 Thin Client must be configured with optional AMD Radeon™ E9173 PCI Express graphics card to support more than four displays.

² 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.

³ Keyboard and network adapter sold separately or as configurable options at the time of purchase.

Technical Specifications Footnotes

¹ Multi-Core 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 For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes.

³ Graphics chipset uses part of the total system memory (RAM) for graphics performance. System memory dedicated to graphics performance is not available for other use by other programs.

⁴ Optional or add-on feature.

⁵ Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.

⁶ Software is dependent on operating system installed. Please refer to this product's QuickSpec for more details.

⁷ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

⁸ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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