Datasheet

HP t630 Thin Client

Optimize your cloud-based deployments with the powerful, highly configurable, and long lifecycle HP t630 Thin Client. Support your business now and in the future with quad-core processing, dual UHD/4K display compatibility, and options for device and network connectivity and local storage.

Designed to go above and beyond
Speed performance with an expertly engineered thin client driven by an embedded x86 quad-core system-on-a-chip. The integrated AMD Radeon graphics engine supports up to two UHD/4K displays for a fantastic media experience.

Bridge the gap with expansive connectivity
Configure a precise deployment with legacy ports for your reliable peripherals, dual-channel DDR4 system memory, wired or optional wireless or fiber connectivity, and optional local dual flash memory up to 128 GB for separate, discrete storage.

Software with all the extras, minus the extra cost
Tailor your OS environment, remotely set up and deploy, boost Wi-Fi and network performance, and get local-quality multimedia on the cloud with exclusive HP value-added software: HP Device Manager, HP Velocity, HP True Graphics, and HP Easy Shell.

Featuring
- Keep the peripherals you know and trust and plan ahead with connections that include PS/2 and serial ports, an optional VGA output or second serial port, and convenient front and rear USB 3.0 and USB 2.0 ports.
- Protect data with VDI and cloud hosting, certified TPM, a BIOS designed to National Institute of Standards and Technology (NIST) specs, and Windows with Write Filter protection.
- Stay in contact with colleagues with support for unified communications (UC) solutions.
- Go wired with standard RJ-45, wireless with an optional Wi-Fi/Bluetooth or external Wi-Fi antenna system, or connect to fiber with an optional Fiber Optic network adapter.
- Work with your choice of subscription-based SaaS solutions like Office 365.
- Pick a familiar and reliable Windows or Linux OS and pair with your own ISV.
- Help decrease power consumption, cooling requirements, and distractions with a zero noise, low halogen design with HP Active Thermal Management.
- Rest easy with a two-year lifecycle, three-year limited warranty, and HP Care service options.
### HP t630 Thin Client Specifications Table

| **Operating System** | Windows 10 IoT Enterprise for Thin Clients  
| Windows Embedded Standard 7E  
| HP ThinPro  
| HP Smart Zero Core |
| **Core Processing Technology** | AMD GX-420GI SoC with Radeon™ R6E graphics (2 GHz up to 2.2 GHz, 2 MB cache, 4 cores) |
| **Storage** | up to 8, 16, 32, 64 or 128 GB MLC flash memory |
| **System Memory** | up to 32 GB DDR4-1866 SDRAM  
| (Up to 1 GB system memory reserved for graphics. Transfer rates up to 1866 MT/s.) |
| **Memory Slots** | 2 SODIMM |
| **Networking** | LAN: Realtek GbE  
| WLAN: Intel® Dual Band Wireless-AC 3168 Wi-Fi/Bluetooth® combo adapter (optional); Intel® Dual Band Wireless AC 8260 Wi-Fi/Bluetooth® combo adapter (optional); Allied Telesis AT-27M2/SC Fiber Fast Ethernet Network Interface (optional); Allied Telesis AT-29M2/SC Fiber Gigabit Ethernet Network Interface (optional)  
| Allied Telesis AT-29M2/LC Fiber Gigabit Ethernet Network Interface (optional) |
| **Audio** | Internal amplified speaker system for basic audio playback. 3.5 mm headset socket (front access); 3.5 mm combo line-in/line-out socket (back access) |
| **Display Support** | Up to 2 displays supported. Support for 2 displays at 3840 x 2160 resolution via DisplayPort™ 1.2 outputs. Support for 1 display at 1920 x 1200 resolution via optional VGA output |
| **Security** | Security lock slot (cable sold separately); Power cord retention clip; Internal SuperSpeed USB 3.0 port; Trusted Platform Module |
| **Power** | 65 W external power adapter, worldwide auto-sensing, 100-240 VAC, 50-60 Hz, energy-saving automatic power-down, surge-tolerant |
| **Environmental** | Low halogen |
| **Energy Efficiency Compliance** | ENERGY STAR® certified and EPEAT® Gold registered configurations available |
| **Input/Output** | Front: 2 Hi-Speed USB 2.0; 2 SuperSpeed USB 3.0; 1 headset  
| Back: 2 Hi-Speed USB 2.0; 1 RJ-45; 2 DisplayPort™ 1.2; 1 audio line-in/line-out; 1 serial; 2 PS/2 (keyboard and mouse)  
| Inside chassis: 1 SuperSpeed USB 3.0  
| (One port on back of system available for either VGA or 2nd serial or fiber optic NIC or external Wi-Fi antenna) |
| **Dimensions (W x D x H)** | 4.72 x 8.66 x 9.88 in  
| 12 x 22 x 25.1 cm  
| (Vertical orientation without stand) |
| **Weight** | 3.35 lb  
| 1.52 kg  
| (With stand. Weight varies by configuration.) |
| **Software** | HP Device Manager; HP ThinUpdate; HP Easy Tools; HP Smart Zero Client Services; Microsoft SCCM/EDM Agent; HP Velocity; HP Easy Shell |
| **Protocols** | Microsoft RFX/RDP; Citrix® ICA/HDX; VMware® Horizon RDP/PCoIP  
| (Protocols are dependent on operating system installed) |
| **Browser** | Microsoft Internet Explorer 11 (for models with Windows Embedded Standard 7E and Windows 10 IoT for Thin Clients); Mozilla Firefox 36 (for models with HP Thin Pro and HP Smart Zero Core) |
| **Warranty** | HP Total Care Warranty and Services offers limited three-year hardware warranty options depending on country. Optional HP Care Packs extend your protection beyond the standard limited warranty. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc |
HP Quick Release Bracket

HP Quick Release is an easy to use, 100 mm VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts. HP Quick Release can also be used for mounting any combination of devices that are compatible with the 100 mm VESA Flat Display Mounting Interface Standard. The failsafe “Sure-Lock” mechanism snaps the monitor (or mounted device) securely in place, and can be further secured with a theft-deterrent security screw.

Product number: EM870AA

HP L6017tm 17-inch Retail Touch Monitor

The sleek and stylish flush-bezel HP L6017tm 17-inch Retail Touch Monitor is designed for increased performance, enhanced usability, and outstanding durability in retail and hospitality environments.

Product number: A1X77AA

HP EliteDisplay E240c 23.8-inch Video Conferencing Monitor

Connect, conference, and collaborate in complete comfort with the HP EliteDisplay E240c 23.8-inch Video Conferencing Monitor, a communications hub with an HD webcam, microphone, speakers, and easy-access hot keys that’s also a Full HD display.

Product number: M1P00A8

HP Z24s 23.8-inch IPS UHD Display

Experience ultra high-definition /4K image presentation and factory-calibrated color accuracy out of the box with the HP Z24s 23.8-inch IPS UHD Display, which also delivers flexible connectivity and comfort features—all at HP’s most affordable HP Z Display price point.

Product number: J2W50A8

HP 4-GB PC3-12800 (DDR3-1600 MHz) SODIMM Memory

Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.

Product number: B4U39AA
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Messaging 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. Intel’s numbering is not a measurement of higher performance.

2. Optional features sold separately or as add-on features.

3. HP True Graphics requires an HP Thin Client with an HP ThinPro 5.0 or higher operating system (combo OS with HP Smart Zero Core begins at v4.0), AMD processing technology, and a Citrix® virtual desktop infrastructure—XenApp® or XenDesktop® v7.0 or higher or WES 7E 32-bit/Windows 10 IoT with a Citrix® 4.4 receiver and Citrix® virtual desktop infrastructure—XenApp® or XenDesktop® v7.0 or higher. HP True Graphics is preinstalled on the OS starting with HP ThinPro 5.2. See product QuickSpecs for exact compatibility.

4. HP Easy Shell is currently available on HP Thin Clients with a Windows Embedded OS.

5. Office 365 sold separately. Internet service required for cloud and app access and sold separately.

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

7. HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

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. The system’s Graphics Processing Unit (GPU) uses part of the total system memory. System memory dedicated to graphics performance is not available for use by other programs.

3. 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.

4. Trusted Platform Module (TPM) version 1.2 (for models configured with HP Thin Pro, HP Smart Zero Core and Windows Embedded Standard 7E) or version 2.0 (for models configured with Windows 10 IoT Enterprise for Thin Clients or without an operating system).

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

6. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

7. 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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