HP t630 Thin Client (3BG75UT)

Overview

The perfect partner to take your business to the cloud

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[1], dual UHD/4K display compatibility, and options for device and network connectivity and local storage.[2]

Designed to go above and beyond

Speed performance with an expertly engineered thin client driven by an embedded x86 quad-core[1] system-on-a-chip. The integrated AMD Radeon graphics engine supports up to two UHD/4K displays[2] for a fantastic media experience.

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[3], and HP Easy Shell.[4]

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[2], and optional local dual flash memory[2] up to 128 GB for separate, discrete storage.

Features

Legacy and future peripheral support

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[2], and convenient front and rear USB 3.0 and USB 2.0 ports.

Next-level security

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.

Pro-class collaboration

Stay in contact with colleagues with support for unified communications (UC) solutions.[2]

If it's a network, you can connect to it

Go wired with standard RJ-45, wireless with an optional Wi-Fi/Bluetooth®[2] or external Wi-Fi antenna system, or connect to fiber with an optional Fiber Optic network adapter.[2]

Ready for browser-based productivity

Work with your choice of subscription-based SaaS solutions like Office 365.[5]

Add your favorite OS

Pick a familiar and reliable Windows® or Linux® OS and pair with your own ISV.

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[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 v5.0), 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.

Specifications

Operating system	Windows 10 IoT Enterprise for Thin Clients 64
Processor	AMD GX-420GI SoC with Radeon™ R7E Graphics (2 GHz up to 2.2 GHz, 2 MB cache, 4 cores)
Memory	8 GB DDR4-1866 MHz RAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	128 GB Flash memory
Audio	Internal amplified speaker system for basic audio playback. 3.5 mm headset socket (front access)
Minimum dimensions (W x D x H)	12 x 22 x 25.1 cm *(Vertical orientation with stand)*
Minimum dimensions (W x D x H)	4.72 x 8.66 x 9.88 in *(Vertical orientation with stand.)*
Weight	1.52 kg *(With stand. Weight varies by configuration.)*
Weight	3.35 lb *(With stand. Weight varies by configuration.)*
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB optical mouse
Ports	2 Hi-Speed USB 2.0; 2 SuperSpeed USB 3.0; 1 headset *(One port on back of system available for either VGA or 2nd serial or fiber optic NIC or external Wi-Fi antenna)*
Ports	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)
Ports	1 SuperSpeed USB 3.0
Protocols	Citrix® ICA/HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
Power	65 W external power adapter, worldwide auto-sensing, 100-240 VAC, 50-60 Hz, energy-saving automatic power-down, surge-tolerant
Sustainable impact specifications	Low halogen
Security management	Security lock slot (cable sold separately); Power cord retention clip; Internal SuperSpeed USB 3.0 port; Trusted Platform Module[4]
Browser supported	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)
UPC number	(ABA) 192018438491; (ABC) 192018443556

Additional specifications

Datasheet photo 1	Publication photos/AMS HP t630 Thin Client_Main.jpg
Datasheet photo 3	Publication photos/AMS HP t630 Thin Client_small 1.jpg
Datasheet photo 4	Publication photos/AMS HP t630 Thin Client_small 2.jpg
Datasheet photo 5	Publication photos/AMS HP t630 Thin Client_small 3.jpg
ECC memory	non-ECC
I/O Port location	Back
I/O Port location	Inside chassis
I/O Port location	Front
Keyboard interface	USB
Memory layout (slots & size)	2 x 4 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	1866
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	2
Photo (product photo, jpg, 190x170)	Desktops and Workstations/hp-t5570-thin-client_190x170.jpg
Photo (product photo, jpg, 70x100)	Desktops and Workstations/hp-t5570-thin-client_70x100.jpg
Product brand name	HP
Quickspec	http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c04984422
Standard memory note	Transfer rates up to 1866 MT/s.
Storage capacity	128
Storage capacity uom 01	GB
Storage type	SSD
Storage type 01	eMMC
UNSPSC code	43211506

[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).

Accessories for PC

Security

Security Cables

HP Keyed Cable Lock 10 mm	T1A62AA ★

Stands/Mounting Brackets

Mounting Brackets

HP Quick Release Bracket 2	6KD15AA ★
HP Thin Client Mounting Bracket	2FT00AA ★
HP B300 PC Mounting Bracket	2DW53AA
HP B300 PC Mounting Bracket	2DW53AT
HP Quick Release Bracket 2	6KD15AT

Stands

HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AT

Power

Power Adapters

HP Thin Client 65W Power Supply	Y3U72AA ★
HP Thin Client 65W Power Supply and Power Cable	Y3U69AA

Keyboards/Other Input Devices

Wired Keyboards

HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT

Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

HP DisplayPort Cable Kit	VN567AA
HP DisplayPort To VGA Adapter	AS615AA
HP DisplayPort To VGA Adapter	F7W97AA

HP DisplayPort to DVI-D Adapter	FH973AA
HP DisplayPort to HDMI True 4K Adapter	2JA63AA

Components/Upgrades

Internal ports/Modules/Controllers

HP USB to Serial Port Adapter	J7B60AA

Industries

Financial Services and Insurance

★ : Recommended

Financial and Insurance

Financial Services and Insurance	HPFSISGOVRVIEW

Government

Government

Government Overview	HPGOVSOVERVIEW

Healthcare

Healthcare

Healthcare Overview	HPHLSSOVERVIEW

Monitors

Business Monitors

★ : Recommended

E-Series

HP E24 G4 FHD Monitor	9VF99AA
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66A7
HP P204v 19.5-inch Monitor	5RD66AA

P-Series

HP P24h G4 FHD Monitor	7VH44AA
HP P24v G4 Monitor	9TT78AA

Z Displays

HP Z24f G3 FHD Display	3G828AA
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27q G3 QHD Display	1C4Z7AA
HP Z27u G3 QHD Display	1B9X2AA
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z38c 37.5-inch Curved Display	Z4W65A8
HP Z38c 37.5-inch Curved Display	Z4W65AT

Accessories

Point of Sales System Options

★ : Recommended

POS Display Accessories

HP L5010ta	2KY27AA
HP L5015ta	2KY28AA
HP L7010t 10.1-inch Retail Touch Monitor	T6N30A8
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7014 14-inch Retail Monitor	T6N31A8
HP L7014 14-inch Retail Monitor	T6N31AA
HP L7014t 14-inch Retail Touch Monitor	T6N32A8
HP L7014t 14-inch Retail Touch Monitor	T6N32AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13A8
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA

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