HP ProDesk 5 G1i Thin Client (D78YJUT)

Overview

Fast, Secure, and Remote-Ready—Built for Hybrid Work.

The most secure and versatile desktop thin client from HP, purpose-built for mission-critical environments where responsiveness, manageability, and security are non-negotiable. Designed to deliver like-local productivity in virtual environments, with centralized management, fanless build and future-proof features extending its lifecycle well beyond the norm.

Every Layer Locked. Every Task Protected.

Fortified with multi-layered, BIOS-level security and Tamper Lock protection ideal for sensitive data protection.

Simple and scalable endpoint management from anywhere.

Save time and resources when you deploy, monitor, and manage your entire fleet remotely with HP Wolf Cloud Endpoint Manager[4]—simple, secure, and scalable.

Thin performance that punches above its size.

Fuel your fleet with Intel CPUs[1], DDR5 memory[2], and NVMe SSDs[3] on the ProDesk 5 G1 Thin Client, delivering outstanding performance.

Help protect our shared future.

Engineered for energy efficiency using at least 50% recycled plastics[5] and a low power fanless design to run quietly.

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[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[2] Optional feature that must be configured at the time of purchase.

[3] Optional feature that must be configured at the time of purchase. For hard drives and solid-state drives, GB=1billion bytes.

[4] Requires Windows 11 IoT Enterprise LTSC 2024 or later or HP ThinPro 8.1 Operating System or later on endpoint and Internet access. Visit https://www.hp.com/us-en/solutions/cloud-computing/thin-client-software.html for Terms of Service datasheet, feature listings and configuration requirements as they become available.

[5] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

Specifications

Operating System Software	Windows 11 IoT Enterprise 2024 LTSC
Processor Name	Intel® N97 (up to 3.6 GHz Turbo Boost technology, 6 MB L3 cache, 4 cores)
Standard Memory Description 01	16 GB DDR5-5600 MT/s (1 x 16 GB)
Memory Slots	1 SODIMM
Hard Drive Description (01)	256 GB PCIe® NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	Intel® UHD Graphics
Audio Features	Internal amplified speaker system for basic audio playback
Product Dimensions (metric)	3.5 x 20 x 20 cm
Product Dimensions (imperial)	1.38 x 7.87 x 7.87 in
Weight (metric)	1.3 kg *(Weight will vary depending on configuration.)*
Weight (imperial)	2.87 lb *(Weight will vary depending on configuration.)*
Keyboard	HP USB 320K v2 Keyboard
Pointing Device	HP Wired 320M Mouse
External I/O Ports	1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 3.5 mm headphone/microphone combo
External I/O Ports 02	2 USB Type-A 10Gbps signaling rate; 1 AC power; 2 DisplayPort™ 1.4; 1 RJ-45; 2 USB Type-A 480Mbps signaling rate
Wireless Technologies	Intel® Wi-Fi 6 AX211 (2x2) and Bluetooth® 5.3 wireless card with internal antenna
Protocols supported (long)	Citrix® HDX; Citrix® ICA; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme; Remote Desktop Services Remote FX (RFX), RDP
Power Supply Required	65 W external power adapter
Browser Supported Description	Mozilla Firefox (for models with HP ThinPro); Microsoft Edge (for models with Windows 11 IoT Enterprise LTSC 2024); Google Chrome Browser; Google Chrome via online download (for models with Microsoft Windows 11 IoT Enterprise 2024)
UPC Number	(ABA) 821844281512; (ABC) 821844281529

Additional specifications

Bluetooth Version	Bluetooth® 5.3
Certifications and Compliances	EMC; EN 60601-1-2
Display Support	Up to 3 displays 4K supported. Two DisplayPort™ 1.4 video outputs provided at the back of the system.
I/O Port Location 01	Front
I/O Port Location 02	Back
Keyboard Interface	USB
Memory Layout (Slots & Size)	1 x 16 GB
Memory Module Type	SODIMM
Memory Size	16
Memory Size UOM	GB
Memory Slots Number	1
Memory Speed	5600
Memory Speed UOM	MT/s
Memory Storage Simplified	256 GB SSD storage
Memory Type	DDR5
Processor Brand	Intel®
Processor Cache Installed	6 MB L3
Processor Core	4
Processor Maximum Frequency	3.6
Processor Maximum Frequency UOM	GHz
Processor Model	N97
Security Management Footnote Number1	[18]
Security Management Footnote Number2	[19]
Security Management Footnote Number3	[20]
Security Management Footnote Number4	[56]
Security Management Footnote Number5	[57]
Security Management1	HP Tamper Lock
Security Management2	HP Secure Erase
Security Management3	HP Sure Admin

Security Management4	HP Sure Recover
Security Management5	HP Sure Start
Software Included 1	HP Device Manager
Software Included 2	HP Smart Shell
Software Included 3	HP Easy Tools
Software Included 4	HP Smart Zero Client Services
Software Included 5	HP ThinUpdate
Software Included 6	HP True Graphics
Software Included 7	Microsoft SCCM/EDM Agent
Software Included Footnote Number 1	[11,12,15,16]
Software Included Footnote Number 2	[11,12,13,15]
Software Included Footnote Number 3	[11,12,15]
Software Included Footnote Number 4	[11,12,15]
Software Included Footnote Number 5	[11,12,15]
Software Included Footnote Number 6	[11,12,14,15]
Software Included Footnote Number 7	[11,12,15]
Standard Memory Note 01	Transfer rates up to 5600 MT/s.
Storage Capacity 01	256
Storage Capacity UOM 01	GB
Storage Form Factor 01	M.2
Storage Interface 01	PCIe®
Storage Interface Protocol 01	NVMe™
Storage Type 01	SSD
Storage type (filter)	SSD
UNSPSC Code	43211506
Wireless Antenna	2x2
Wireless Model	Wi-Fi 6E AX211
Wireless Standard	Wi-Fi 6
Wireless Supplier	Intel®

Accessories for PC

Components/Upgrades

★ : Recommended

Memory

HP 16GB DDR5 5600MHz SODIMM Memory	83P91AA
HP 8GB DDR5 5600MHz SODIMM Memory	83P90AA

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