

7QM90EA

HP EliteDesk 800 G5 TWR PC, i7-9700 3.0GHz, 8GB RAM, 256GB SSD, Intel HD graphics, Win 10 Pro

Product Overview

HP EliteDesk 800 G5 TWR Tower Desktop PC, Intel Core i7-9700 3.0GHz up to 4.8GHz 12MB Cache Eight Core Processor with integrated Intel UHD Graphics 630, 8GB DDR4-2666 DIMM Memory (1x8GB), 256GB M.2 PCI-e SSD Solid State Drive, DVD Writer Optical Drive, USB Keyboard & Mouse, Windows 10 Pro 64bit

1x audio-in, 1x audio-out, 1x RJ-45, 2x DisplayPort 1.2, 2x USB 2.0, 2x USB 3.1 Gen 1, 2x USB 3.1 Gen 2

1x headphone front, 1x headset connector front, 1x USB 2.0 front, 1x USB 2.0 (fast charging) front, 1x USB 3.1 Type-C (charging) front, 2x USB 3.1 Gen 2 front



Specifications

Features:

Lead with power and performance

- Get highly responsive performance with up to a 95W 9th Gen Intel Core processors, optional Intel Optane Memory H10 with Solid State Storage, Thunderbolt 6, and high-end discrete graphics.

Expansion that extends your investment

- The HP EliteDesk 800 TWR has enormous expandability with five bays and four full-height slots-including one slot for full-length double-wide. Plus, there are three additional M.2 slots and 11 USB ports.

Strong security, powerful manageability

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- Get powerful protection and simplified management from secure and manageable PCs. HP Sure Start Gen52 protects against BIOS attacks while the HP Manageability Integration Kit allows you to easily manage devices.
- Power through your day with Windows 10 Pro with built-in security, collaboration, and connectivity.
- Configure a third configurable rear I/O port for customizable display connections with your choice of VGA, DisplayPort, HDMI or USB-Type C with DisplayPort . Or, choose Thunderbolt 3 for high-speed file transfer.
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen5, the self-healing BIOS that automatically recovers itself from attacks or corruption.
- To get control of your PC, attackers first need to take down its defenses. Keep critical security protections up and running and prevent unwanted changes to security settings with HP Sure Run Gen2, which provides resilience against attacks.
- Help protect your PC from websites and attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.
- Advanced malware can seriously disrupt your business. HP Sure Recover Gen2 ensures fast, secure, and automated recovery with only a network connection.
- Malware is evolving rapidly and traditional antivirus cant always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.
- Simplify securing your PC. HP Client Security Manager offers a single interface to set up and manage your PCs powerful security features.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- Fortify your security with up to three authentication factors including fingerprints and facial recognition.
- Rest easy with a PC that goes the distance and undergoes 120,000 hours of HPs Total Test Process and MIL-STD 810G testing. Help extend protection with an optional removable dust filter.

Specifications:

Model Spec	
Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel Core i7 processor (i7-9700)
Processor	Intel Core i7-9700 with Intel UHD Graphics 630 (3 GHz base frequency, up to 4.8 GHz with Intel Turbo Boost Technology, 12 MB cache, 8 cores)
Chipset	Intel Q370 (vPro), Intel Q370 (non-vPro)
Form factor	Tower
Memory	8 GB DDR4-2666 SDRAM (1 X 8 GB) Transfer rates up to 2666 MT/s.
Memory Slots	4 DIMM
External drive bays	1 slim ODD, One 5.25" ODD
Internal drive	256 GB PCIe NVMe SSD
Graphics	Integrated Intel UHD Graphics 630
I/O Port location	Rear
Ports	1 audio-in, 1 audio-out, 1 power connector, 1 RJ-45, 2 DisplayPort 1.2, 2 USB 2.0, 2 USB 3.1 Gen 1, 2 USB 3.1 Gen 2
I/O Port location	Front
I/O Port location	Optional
Expansion slots	1 M.2 2230, 1 PCIe 3.0 x16, 1 PCIe 3.0 x16 (wired as x4), 2 M.2 2230/2280, 2 PCIe 3.0 x1
Network interface	Integrated Intel I219LM GbE LOM

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Energy efficiency	ENERGY STAR certified
Operating humidity range	10 to 90% RH
Dimensions (W x D x H)	15.4 x 37 x 36.5 cm
Weight	9.86 kg Exact weight depends on configuration.
Security management	DriveLock, HP BIOSphere Gen5, HP Client Security Suite Gen 5, HP Password Manager, HP Power On Authentication, HP Sure Click, HP Sure Recover, HP Sure Run, HP Sure Sense, HP Sure Start Gen5, Intel Identity Protection Technology (Intel IPT), Parallel enable/disable (via BIOS), Power-on password (via BIOS), RAID configurations, Removable media write/boot control, SATA port disablement (via BIOS), Serial enable/disable (via BIOS), Setup password (via BIOS), Solenoid lock and hood sensor, Support for chassis padlocks and cable lock devices, TPM 2.0 (Firmware: 7.85) endpoint security controller (Infineon SLB9670) shipped with Windows 10. Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified, USB enable/disable (via BIOS)
Series Spec	
Available Operating Systems	Windows 10 Pro 64 - HP recommends Windows 10 Pro.
	Windows 10 Pro 64 (National Academic only)
	Windows 10 Home 64
	Windows 10 Home Single Language 64
	FreeDOS
Processor family	Up to 9th Generation Intel Core i7 processor
Chipset	Intel Q370 (vPro), Intel Q370 (non-vPro)
Form factor	Tower
Maximum memory	128 GB DDR4-2666 SDRAM
	Transfer rates up to 2666 MT/s.
Memory slots	4 DIMM
Internal storage	SATA HDD
	PCIe NVMe M.2 SSD
Storage acceleration	16 GB NVMe Intel Optane Memory for storage acceleration
Additional storage	5-in-1 SD card reader
Optical drive	HP 9.5 mm Slim Blu-ray writer, HP 9.5 mm Slim DVD-ROM, HP 9.5 mm Slim DVD-Writer
Available Graphics	Integrated: Intel UHD Graphics 630, Intel UHD Graphics 610
	Discrete: NVIDIA GeForce GT 730 (2 GB GDDR5 dedicated), AMD Radeon R7 430 Graphics (2 GB GDDR5 dedicated), NVIDIA Quadro P400 (2 GB GDDR5 dedicated), AMD Radeon RX 550 Graphics (4 GB GDDR5 dedicated), AMD Radeon RX 580 Graphics (4 GB GDDR5 dedicated), NVIDIA Quadro P620 (2 GB GDDR5 dedicated)
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230, 1 PCIe 3.0 x16, 1 PCIe 3.0 x16 (wired as x4), 2 M.2 2230/2280, 2 PCIe 3.0 x1 (1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.)

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Ports and Connectors	Rear: 1 audio-in, 1 audio-out, 1 power connector, 1 RJ-45, 2 DisplayPort 1.2, 2 USB 2.0, 2 USB 3.1 Gen 1, 2 USB 3.1 Gen 2
	Front: 1 headphone, 1 headset connector, 1 USB 2.0, 1 USB 2.0 (fast charging), 1 USB 3.1 Type-C (charging), 2 USB 3.1 Gen 2
	Optional: 1 DisplayPort 1.2, 1 HDMI 2.0a, 1 serial, 1 serial and PS/2 ports combination, 1 Thunderbolt 3.0, 1 USB 3.1 Type-C Gen 1 (DisplayPort), 1 VGA
Input devices	HP PS/2 Business Slim Keyboard, HP USB Conferencing Keyboard, HP USB Business Slim Keyboard, HP USB Keyboard, HP USB Premium Keyboard, HP Wireless Business Slim Keyboard and Mouse Combo, HP Wireless Collaboration Keyboard, HP USB Business Slim Antimicrobial Keyboard, HP USB Collaboration Keyboard14, HP PS/2 Mouse, HP USB 1000 dpi Laser Mouse, HP USB Antimicrobial Mouse, HP USB Hardened Mouse, HP USB Optical Mouse, HP USB Premium Mouse, HP USB Fingerprint Mouse
Communications	LAN: Integrated Intel I219LM GbE LOM, Intel I210-T1 PCIe GbE 16 WLAN: Realtek RTL8822BE-CG 802.11a/b/g/n/ac (2x2) with Bluetooth 4.1 M.2 PCIe, Intel Wi-Fi 6 AX200 (2x2) and Bluetooth M.2 Combo Card non-vPro, Intel Wi-Fi 6 AX200 (2x2) and Bluetooth M.2 Combo Card vPro, Intel Dual Band Wi-Fi 5 9560 (2x2) and Bluetooth 5 M.2, non-vPro, Intel Dual Band Wi-Fi 5 9560 (2x2) and Bluetooth 5 M.2, vPro
Drive Bays	1 slim ODD, One 5.25" ODD, One 2.5" HDD, Two 3.5" HDD
Environmental	Operating temperature: 10 to 35 degreesC, Operating humidity: 10 to 90% RH
Available Software	Absolute Persistence module, Buy Office (sold separately), HP Hotkey Support, HP JumpStarts, HP Noise Cancellation Software, HP Support Assistant, HP Sure Recover
Security management	DriveLock, HP BIOSphere Gen5, HP Client Security Suite Gen 5, HP Password Manager, HP Power On Authentication, HP Sure Click, HP Sure Recover, HP Sure Run, HP
	Sure Sense, HP Sure Start Gen 5, Intel Identity Protection Technology (Intel IPT), Parallel enable/disable (via BIOS), Power-on password (via BIOS), RAID
	configurations, Removable media write/boot control, SATA port disablement (via BIOS), Serial enable/disable (via BIOS), Setup password (via BIOS), Solenoid lock and
	hood sensor, Support for chassis padlocks and cable lock devices, TPM 2.0 (Firmware: 7.85) endpoint security controller (Infineon SLB9670) shipped with Windows
	10. Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified, USB enable/disable (via BIOS)
Management features	HP BIOS Config Utility (download), HP Client Catalog (download), HP Cloud Recovery, HP Driver Packs (download), HP Management Integration Kit for Microsoft
	System Center Configuration Management Gen 3, HP System Software Manager (download)
Power	250 W internal power supply, up to 92% efficiency, active PFC, 500 W internal power supply, up to 90% efficiency, active PFC
Dimensions	15.4 x 37 x 36.5 cm
Weight	9.86 kg (Exact weight depends on configuration.)
Energy efficiency compliance	ENERGY STAR certified, EPEAT 2019 registered where applicable
Environmental specifications	Low halogen

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Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/7QM90EA-HP-EliteDesk-800-G5-TWR-PC-i7-9700-3-0GHz-8GB-Buy-p-234735.php>

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