HP EliteOne 840 G9 All-in-One PC (6D771PA)

Overview

Be there even when you're not

The HP EliteOne 840 AiO empowers your team to be at their best with experiences that delight users and IT. Featuring a new sleek design, the latest Intel® processor[2], and packed with a new set of premium collaboration tools powered by HP Presence[3], it's ready for all your demanding projects and virtual conferences.

HP Auto Frame[5]

Bring your meetings to life powered by premium audio and video features powered HP Presence.[3]

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[7]

Powerful Intel® processor[2]

Multitask with ease thanks the latest Intel® processor[2], massive storage, and agile DDR5 memory.

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

[3] HP Presence requires myHP application and Windows OS.

[5] Requires myHP application and Windows OS.

[7] HP Wolf Security for Business requires Windows 10 and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

Specifications

Form factor	All-in-one
Operating system	Windows 11 Pro[1]
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-12500 (up to 4.6 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)[6,7]
Chipset	Intel® Q670 (vPro®); Intel® Q670 (non-vPro®)[3]
Memory	8 GB DDR5-4800 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 730
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
Display	23.8" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
Audio	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers
Minimum dimensions (W x D x H)	53.96 x 23.8 x 55.81 cm *(System dimensions may fluctuate due to configuration and manufacturing variances.)*
Minimum dimensions (W x D x H)	21.14 x 9.37 x 21.97 in *(System dimensions may fluctuate due to configuration and manufacturing variances.)*
Weight	8.96 kg *(Exact weight depends on configuration.)*
Weight	19.75 lb *(Exact weight depends on configuration.)*
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP Wired Desktop 320M mouse
Camera	5 MP Swivel camera with integrated dual array digital microphones[11]
Ports	1 headphone/microphone combo
Expansion slots	1 M.2 2230/2280; 2 M.2 2280 *(1 PCIe M.2 2230/2280 slot for WLAN or Storage and 2 PCIe M.2 2280 slot for storage.)*
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate
Ports	1 RJ-45; 1 HDMI 2.0a; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Dual-Mode DisplayPort™ 1.4; 1 SuperSpeed USB Type-C® 20Gbps signaling rate
Package dimensions (W x D x H)	62.8 x 18.6 x 67.5 cm

Package weight	12.5 kg
Network interface type	WLAN
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Management features	HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant (download); HP Client Management Script Library (download); HP Connect for Microsoft Endpoint Manager; HP Manageability Integration Kit (download); HP Patch Assistant (download)[12,13,14]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; 30% ITE-derived closed loop plastic; Low Halogen; 80 Plus® Platinum power supplies available
Security management	Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; HP Tamper Lock; HP Sure Start Gen7; HP Sure Run Gen5; HP Sure Recover Gen5[19,20,21,22,23,24,25,26,27,28]
Software included	HP Notifications; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP PC Hardware Diagnostics Windows; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial[15,16,17]
UPC number	196548745234

Additional specifications

Additional storage	4-in-1 media card reader
Available software	HP Smart Support[18]
Bluetooth version	Bluetooth® 5.2
Camera microphone	integrated dual array digital microphones
Camera resolution	5
Camera resolution uom	MP
Color gamut	72% NTSC
Display	60.5 cm (23.8") diagonal FHD display
Display	23.8" diagonal FHD display
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	23.8
Display size (diagonal, metric)	60.5
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
I/O Port location	Right side
I/O Port location	Rear
I/O Port location	Left side
Keyboard connectivity	wired
Keyboard interface	USB
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	4800
Memory speed uom	MHz
Memory type	DDR5
Number of memory slots	1

Operating humidity range	10 to 90% RH
Operating temperature range	50 to 95°F
Operating temperature range	10 to 35°C
Package dimensions (W x D x H)	24.72 x 7.32 x 26.57 in
Package weight	27.56 lb
Processor Brand	Intel®
Processor base frequency	3.0
Processor cache	18 MB L3
Processor core	6
Processor family	Core™ i5
Processor frequency UOM	GHz
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	12th Generation
Processor maximum frequency	4.6
Processor maximum frequency uom	GHz
Processor model	12500
Processor threads	12
Product brand name	HP
Product long name specifications	HP EliteOne 840 G9 All-in-One PC, 23.8", Windows 11 Pro, Intel® Core™ i5, 8GB RAM, 256GB SSD, FHD
Product short name specifications	HP EliteOne 840 G9 All-in-One PC, 23.8", Intel® Core™ i5, 8GB RAM, 256GB SSD
Standard memory note	Transfer rates up to 4800 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211507
Wireless Model	Wi-Fi 6E AX211
Wireless antenna	2x2
Wireless standard	Wi-Fi 6E
Wireless supplier	Intel®
Wireless transfer speeds	Supporting Gigabit data rate
vPro enabled	vPro®

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[3] For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro .

[6] 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, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[11] Sold separately or as an optional feature.

[12] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.

[13] HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html .

[14] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.

[15] myHP requires Windows OS.

[16] HP Quick Drop requires Internet access and Windows 10 or higher PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[17] HP Support Assistant requires Windows and Internet access.

[18] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit http://www.hp.com/smart-support

[19] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[20] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[21] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.

[22] HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

[23] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.

[24] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[25] HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.

[26] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[27] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[28] Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/ .

Accessories

Keyboards/Mice and Input Devices ★ : Recommended

Keyboard and Mouse Kits

HP 655 Wireless Keyboard and Mouse Combo	**4R009AA ★**

Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9UT
HP 125 Wired Mouse (Bulk120)	265A9A6
HP 128 LSR WRD Mouse (Bulk120)	265D9A6
HP Business Mouse Pad	AT485AA
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT

Keyboards

HP 455 Programmable Wireless Keyboard	4R177AA
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Mounting Kits

HP Quick Release Bracket 2	**6KD15AA ★**
HP Quick Release Bracket 2	6KD15AT

Memory

DDR4 Memory

16GB DDR5 (1x16GB) 4800 SODIMM NECC Memory	4M9Y5AA
16GB DDR5 (1x16GB) 4800 SODIMM NECC Memory	4M9Y5AT
32GB DDR5 (1x32GB) 4800 SODIMM NECC Memory	4M9Y7AA
32GB DDR5 (1x32GB) 4800 SODIMM NECC Memory	4M9Y7AT
8GB DDR5 (1x8GB) 4800 SODIMM NECC Memory	4M9Y4AA

| 8GB DDR5 (1x8GB) 4800 SODIMM NECC Memory | 4M9Y4AT |

PC Drives and Storage

PC Solid State Drives

1TB PCIe 4x4 NVMe TLC SSD	406L7AA
512GB PCIe 4x4 NVMe TLC SSD	406L8AA
HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA

PC Modules

PC I/O Modules

| HP Desktop Mini DVD ODD Module | K9Q83AA |
| HP Desktop Mini DVD ODD Module | K9Q83AT |

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DisplayPort Cable Kit	VN567AA
HP DisplayPort To VGA Adapter	AS615AA
HP DisplayPort To VGA Adapter	AS615AT
HP DisplayPort To VGA Adapter	F7W97AA
HP DisplayPort to HDMI True 4K Adapter	2JA63AA

PC Cable Options

| HP HDMI Standard Cable | T6F94AA |
| HP HDMI Standard Cable | T6F94AT |

Cable Adapters

HP USB-C to DP Adapter	N9K78AA
HP USB-C to DP Adapter	N9K78UT
HP USB-C to HDMI Adapter	4SH07AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB 3.0 Adapter	N2Z63UT

Security and Protection

PC Locks

HP Keyed Cable Lock 10 mm	T1A62AA
HP Keyed Cable Lock 10 mm	T1A62UT

Expansion Solution and Controller Cards

Port Adapters

HP USB to Serial Port Adapter	J7B60AA

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Headsets SC

HyperX Cloud Core + 7.1 - Gaming Headset (Black)	4P4F2AA

HyperX Cloud Flight Headsets SC

HyperX Cloud Flight - Wireless Gaming Headset (Black-Red)	4P5L4AA
HyperX Cloud Flight - Wireless Gaming Headset (Black-Red)	4P5L4AM

HyperX Cloud MIX Headsets SC

HyperX Cloud MIX - Gaming Headset (Black-Gunmetal)	4P5K9AA

HyperX Cloud Stinger Headsets SC

HyperX Cloud Stinger Core - Gaming Headset (Black)	4P4F4AA

HyperX Microphones

HyperX SoloCast Microphones SC

HyperX SoloCast - USB Microphone (Black)	4P5P8AA

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