



HP EliteOne 840 G9 Intel® Core™ i5 i5-12600 60.5 cm (23.8") 1920 x 1080 pixels Touchscreen All-in-One PC 16 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Silver

Brand : HP

Product family: EliteOne

Product code: 5V957EA#ABH

Product name : 840 G9

HP EliteOne 840 G9. Product type: All-in-One PC. Display diagonal: 60.5 cm (23.8"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen, Panel type: IPS. Processor family: Intel® Core™ i5, Processor frequency: 3.3 GHz. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Silver



Display		Ports & interfaces	
Display diagonal *	60.5 cm (23.8")	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Touchscreen *	✓	USB4 Gen 3x2 ports quantity *	1
HD type *	Full HD	USB 3.2 Gen 2x2 Type-C ports quantity	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Display brightness	250 cd/m ²	HDMI version	2.0a
Panel type	IPS	DisplayPorts quantity	1
RGB colour space	NTSC	Combo headphone/mic port	✓
Anti-glare screen	✓		
Colour gamut	72%		
Processor		Design	
Processor manufacturer *	Intel	Product colour *	Silver
Processor family *	Intel® Core™ i5	Introduction year	2022
Processor generation	12th gen Intel® Core™ i5	Country of origin	China
Processor model *	i5-12600		
Processor cores	6	Performance	
Processor threads	12	Product type *	All-in-One PC
Processor boost frequency	4.8 GHz	Market positioning	Business
Processor frequency *	3.3 GHz	Motherboard chipset	Intel Q670
Processor cache	18 MB	Trusted Platform Module (TPM)	✓
Processor cache type	L3	Trusted Platform Module (TPM) version	2.0
Bus type	DMI4	Software	
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	16 GB	Processor special features	
Internal memory type	DDR5-SDRAM	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory *	64 GB	Intel Trusted Execution Technology	✓
Memory slots	1	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots type	SO-DIMM	Intel Stable Image Platform Program (SIPP)	✓
Memory clock speed	4800 MHz		
Memory layout (slots x size)	1 x 16 GB		
Memory form factor	DIMM/SO-DIMM		

Storage		Processor special features	
Total storage capacity *	256 GB	Intel 64	✓
Storage media *	SSD	Execute Disable Bit	✓
Number of storage drives installed	1	Idle States	✓
Total SSDs capacity	256 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Virtualization Technology (VT-x)	✓
NVMe	✓	Brand-specific features	
SSD form factor	M.2	HP speaker type	HP Dual Speakers
Optical drive type *	✗	HP Support Assistant	✓
Card reader integrated	✗	HP front camera	HP Webcam
Graphics		HP segment	Business
Discrete graphics card *	✗	Power	
Discrete graphics card model *	Not available	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width (with stand)	539.6 mm
On-board graphics card model *	Intel UHD Graphics 770	Depth (with stand)	238 mm
Audio		Height (with stand)	558.1 mm
Built-in speaker(s) *	✓	Weight (with stand)	8.96 kg
Number of speakers	2	Weight	9.26 kg
Speakers manufacturer	Bang & Olufsen	Package width	628 mm
Built-in microphone	✓	Package depth	186 mm
Audio system	B&O PLAY	Package height	675 mm
Camera		Package weight	12.5 kg
Built-in camera *	✓	Operational conditions	
Total megapixels	5 MP	Operating temperature (T-T)	10 - 35 °C
Camera HD type	Full HD	Operating relative humidity (H-H)	10 - 90%
Privacy camera	✓	Sustainability	
Privacy type	Pop-up	Sustainability compliance	✓
Network		Sustainability certificates	ENERGY STAR, TCO
Wi-Fi *	✓	Packaging content	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Mouse included	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Mouse connectivity	Wireless
WLAN controller manufacturer	Realtek	Keyboard included	✓
WLAN controller model	Realtek RTL8852BE	Keyboard connectivity	Wireless
Antenna type	2x2	Other features	
Ethernet LAN *	✓	Chassis type	All-in-One
Ethernet LAN data rates	10,1000,100 Mbit/s	Display diagonal (metric)	60.5 cm
Bluetooth *	✓	Display included	✓
Bluetooth version	5.3	Number of free internal memory expansion slots	1
Ports & interfaces		Infrared (IR) camera	✓
Ethernet LAN (RJ-45) ports	1	Windows Hello	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		



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