HP

HP EliteOne 870 G9 Intel® Core™ i7 i7-13700 68.6 cm (27") 1920 x 1080 pixels 16 GB DDR5-SDRAM 512 GB SSD All-in-One PC Windows 11 Pro Wi-Fi 6E (802.11ax) Silver

Brand : HP   **Product family:** EliteOne   **Product code:** 628F0ET

Product name : 870 G9

- Intel® Core™ i7-13700 (up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads)
- Windows 11 Pro
- 68.6 cm (27") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
- Intel® UHD Graphics 770
- 16 GB memory; 512 GB SSD storage
EliteOne 870 G9 All-in-One PC Wolf Pro Security Edition, 27", Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, FHD

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Be there even when you're not
The HP EliteOne 870 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.

Display

Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	250 cd/m²
Panel type	IPS
RGB colour space	NTSC
Anti-glare screen	✔
Colour gamut	72%

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13700
Efficient-core base frequency	1.5 GHz
Processor boost frequency	5.2 GHz
Performance-core base frequency	2.1 GHz
Efficient-core Max Turbo Frequency	4.1 GHz
Performance-core Max Turbo Frequency	5.1 GHz
Performance cores	8
Efficient cores	8
Processor cores	16
Processor threads	24
Processor cache	30 MB
Processor cache type	L3
Processor base power	65 W
Maximum turbo power	219 W

Memory

Internal memory *	16 GB

Network

WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Ethernet LAN *	✔
Ethernet LAN data rates	10,1000,100 Mbit/s
Bluetooth *	✔
Bluetooth version	5.3

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
USB4 Gen 3x2 ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4
DisplayPorts quantity	1

Design

Product colour *	Silver
Introduction year	2023

Performance

Market positioning	Business
Product type *	All-in-One PC
Motherboard chipset	Intel Q670
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Memory

Internal memory type	DDR5-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory clock speed	4800 MHz
Memory layout (slots x size)	1 x 16 GB
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Audio

Built-in speaker(s) *	✔
Number of speakers	2
Built-in microphone	✔

Camera

Built-in camera *	✔
Total megapixels	5 MP

Network

Wi-Fi *	✔
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)

Software

Operating system installed *	Windows 11 Pro
Pre-installed software	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

Brand-specific features

HP speaker type	HP Dual Speakers
HP front camera	HP Webcam 5MP
HP segment	Business
HP Security tools	Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Sure Start; 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 Run Gen6; HP Sure Recover Gen6; HP Plarform Certificate; Seamless Firmware Update Service; Secured-COre PC Disable; Windows Hello Enhanced SIgn-in Security (ESS) Enable
HP Management tools	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); HP CECP Enabled Configuration

Power

AC adapter power	240 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Weight & dimensions

Width (with stand)	614 mm
Depth (with stand)	247 mm
Height (with stand)	599.5 mm
Weight (with stand)	10.9 kg
Package width	742 mm
Package depth	237 mm
Package height	640 mm
Package weight	15.1 kg

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Operating relative humidity (H-H)	10 - 90%

Sustainability

Sustainability compliance	✔
Sustainability certificates	TCO, ENERGY STAR

Packaging content

Mouse included	✔
Keyboard included	✔
Keyboard connectivity	Wireless

Other features

Chassis type	All-in-One
Display diagonal (metric)	68.6 cm
Display included	✔

Technical details

Weight	8.9 kg
EAN/UPC/GTIN identifier(s)	197961476538

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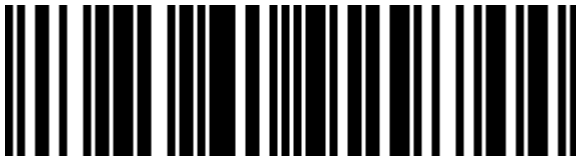
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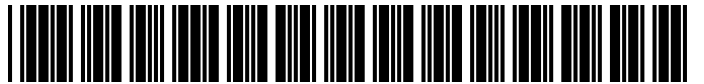
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