



**HP ProOne 440 G9 Intel® Core™ i5 i5-12500T 60.5 cm (23.8") 1920 x 1080 pixels Touchscreen All-in-One PC 8 GB DDR4-SDRAM 256 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Black**

Brand : HP

Product family: ProOne

Product code: 6D3M7EA#ABH

Product name : 440 G9

HP ProOne 440 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: 2 GHz. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	60.5 cm (23.8")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Touchscreen *	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
HD type *	Full HD	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	1.4
Display brightness	250 cd/m <sup>2</sup>	DisplayPorts quantity	1
Panel type	IPS	Combo headphone/mic port	✓
RGB colour space	NTSC	Design	
Anti-glare screen	✓	Product colour *	Black
Colour gamut	72%	Country of origin	China
Processor		Performance	
Processor manufacturer *	Intel	Product type *	All-in-One PC
Processor family *	Intel® Core™ i5	Market positioning	Everyday
Processor generation	12th gen Intel® Core™ i5	Motherboard chipset	Intel Q670
Processor model *	i5-12500T	Trusted Platform Module (TPM)	✓
Processor cores	6	Trusted Platform Module (TPM) version	2.0
Processor threads	12	Software	
Processor boost frequency	4.4 GHz	Operating system installed *	Windows 11 Pro
Processor frequency *	2 GHz	Processor special features	
Processor cache	18 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L3	Intel Trusted Execution Technology	✓
Bus type	DMI4	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Maximum internal memory *	64 GB		
Memory slots	1		
Memory slots type	SO-DIMM		
Memory clock speed	3200 MHz		
Memory layout (slots x size)	1 x 8 GB		
Memory form factor	DIMM/SO-DIMM		

<b>Storage</b>		<b>Processor special features</b>	
Total storage capacity *	256 GB	Idle States	✓
Storage media *	SSD	CPU configuration (max)	1
Number of storage drives installed	1	Embedded options available	✗
Total SSDs capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	256 GB	<b>Brand-specific features</b>	
SSD interface	PCI Express	HP JumpStart	✓
NVMe	✓	HP Support Assistant	✓
SSD form factor	M.2	HP segment	Business
Optical drive type *	✗	<b>Power</b>	
<b>Graphics</b>		AC adapter power	120 W
Discrete graphics card *	✗	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	Not available	Width (with stand)	539.3 mm
On-board graphics card *	✓	Depth (with stand)	225 mm
On-board GPU manufacturer	Intel	Height (with stand)	379.4 mm
On-board graphics card family	Intel® UHD Graphics	Weight (with stand)	7.77 kg
On-board graphics card model *	Intel UHD Graphics 770	Weight	7.77 kg
<b>Audio</b>		Package width	660 mm
Built-in speaker(s) *	✓	Package depth	240 mm
Built-in microphone	✓	Package height	462 mm
Audio chip	Realtek ALC3252	Package weight	12.7 kg
<b>Camera</b>		<b>Operational conditions</b>	
Built-in camera *	✓	Operating temperature (T-T)	10 - 35 °C
Total megapixels	5 MP	Operating relative humidity (H-H)	5 - 90%
Privacy camera	✓	<b>Sustainability</b>	
Privacy type	Pop-up	Sustainability compliance	✓
<b>Network</b>		Sustainability certificates	ENERGY STAR
Wi-Fi *	✓	<b>Packaging content</b>	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Mouse included	✓
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Mouse connectivity	Wired
WLAN controller manufacturer	Intel	Keyboard included	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Keyboard connectivity	Wired
Antenna type	2x2	<b>Other features</b>	
Ethernet LAN *	✓	Chassis type	All-in-One
Ethernet LAN data rates	10,100,1000 Mbit/s	Display diagonal (metric)	60.5 cm
Bluetooth *	✓	Display included	✓
Bluetooth version	5.3	Number of free internal memory expansion slots	1
<b>Ports &amp; interfaces</b>			
Ethernet LAN (RJ-45) ports	1		



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