

HP ProOne 440 G9 All-in-One PC (6C9P7PA)



Overview

Enterprise-class performance. All-in-One design

The HP ProOne 440 All-in-One provides users with the commercial-grade performance, security, and scalability in a space-saving design. This PC is powered by the latest Intel® processor^[2] and protected with always-on security you can trust.

Enhanced meeting experience

This AiO's enhanced intelligent features help reduce unwanted background noise and adapt to environmental lighting.

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.^[5]

Tools to amplify productivity

Accomplish your daily activities with the essential features that help you fulfill the needs of your business.

[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.

[5] HP Wolf Security for Business requires Windows 10 or 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
Processor family	12th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-12700T (up to 4.7 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads) ^[6,7]
Chipset	Intel® Q670 ^[2]
Memory	16 GB DDR4-3200 MHz RAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Internal drive bays	One 2.5"
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
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 ^[30]
Minimum dimensions (W x D x H)	53.93 x 22.5 x 37.94 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
Minimum dimensions (W x D x H)	21.23 x 8.85 x 14.93 in (System dimensions may fluctuate due to configuration and manufacturing variances.)
Weight	7.77 kg (Exact weight depends on configuration.)
Weight	17.57 lb (Exact weight depends on configuration.)
Keyboard	HP USB 320K Keyboard
Camera	5 MP IR camera (pull-up) with integrated dual array digital microphones; 5 MP camera (pull-up) with integrated dual array digital microphones; 5 MP IR camera (pull-up) with integrated dual array digital microphones and Color Light Sensor
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate (charging) ^[11]
Expansion slots	1 M.2 2230; 1 M.2 2280 (1 M.2 slot for WLAN and 1 M.2 2280 slot for storage.)
Ports	1 RJ-45; 1 HDMI 1.4; 2 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 2 SuperSpeed USB Type-A 10Gbps signaling rate (charging); 1 DisplayPort™ 1.4a
Ports	1 SD 3.0 card reader
Package dimensions (W x D x H)	66.0 x 24.0 x 46.2 cm
Package weight	12.69 kg

Network interface type	WLAN
Wireless	Realtek 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
Power	120 W external power adapter, up to 88% efficiency, active PFC ^[27]
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP BIOS Configuration Utility (download); HP Client Catalog (download); HP System Software Manager (download); HP Cloud Recovery; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 4; HP Image Assistant Gen 5; HP Driver Packs; Ivanti Management Suite (download) ^[15,16,17,18]
Security management	Power-on password (via BIOS); Pre-boot Authentication; Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP BIOSphere Gen6; BIOS Update via Network ^[21,22,23,24,25,26]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Privacy Settings; HP Desktop Support Utilities; HP Setup Integrated OOBE; Xerox® DocuShare® 30 day free trial offer ^[19]
UPC number	196548722419

Additional specifications

Additional storage	One 3-in-1 media card reader
Available software	HP Smart Support ^[20]
Bluetooth version	Bluetooth® 4.2
Color gamut	72% NTSC
Display	23.8" diagonal FHD display
Display	60.5 cm (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
External I/O ports footnote number	[12]
I/O Port location	Rear
I/O Port location	Side
I/O Port location	Bottom
Keyboard interface	USB
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	16 GB memory; 512 GB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory module type	SODIMM
Memory size	16
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Operating humidity range	5 to 90% RH
Operating temperature range	50 to 95°F

Operating temperature range	10 to 35°C
Package dimensions (W x D x H)	25.98 x 9.45 x 18.19 in
Package weight	27.98 lb
Processor Brand	Intel®
Processor base frequency	1.4
Processor cache	25 MB L3
Processor core	12
Processor family	Core™ i7
Processor frequency UOM	GHz
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	12th Generation
Processor maximum frequency	4.7
Processor maximum frequency uom	GHz
Processor model	12700T
Processor threads	20
Product brand name	HP
Product long name specifications	HP ProOne 440 G9 All-in-One PC, 23.8", Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, FHD
Product short name specifications	HP ProOne 440 G9 All-in-One PC, 23.8", Intel® Core™ i7, 16GB RAM, 512GB SSD
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	512
Storage capacity uom 01	GB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211507
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[2] Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. 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] Headphone/microphone combo OMTP and CTIA.

[15] HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

[16] Ivanti Management Suite: subscription required.

[17] HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2: can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

[18] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

[19] Simply sign up and start using Xerox® DocuShare® Go. No credit card. No obligation. Data will become unavailable unless a subscription is entered before the end of the 90 day free trial period. See visit www.xerox.com/docusharego for details.

[20] 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>.

[21] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[22] Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.

[23] HP Client Security Manager Gen6 requires Windows and is available on select HP Pro and Elite PCs. See product specifications for details.

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

[25] HP Sure Sense requires Windows 10.

[26] Storage Drivelock does not work with Self Encrypting or Optane based storage.

[27] All power supplies are not available in every region.

[30] Actual brightness will be lower with HP Sure View and touch screen.

Keyboards/Mice and Input Devices

★ : Recommended

Keyboard and Mouse Kits

HP 655 Wireless Keyboard and Mouse Combo	4R009AA ★
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA ★
HP 225 Wired Mouse and Keyboard Combo	286J4AA ★
HP 225 Antimicrobial Wired Mouse and Keyboard Combo	286K3AA
HP 225 Wired Mouse and Keyboard Combo	286J4UT
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT

Keyboards

HP 125 USB WD KBD (Bulk 12)	266C9A6
HP 125 Wired Keyboard	266C9AA
HP 125 Wired Keyboard	266C9UT
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
HP Wired Desktop 320K Keyboard (Bulk12)	9SR37A6

Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9UT
HP 125 Wired Mouse	266C9ET
HP 125 Wired Mouse (Bulk120)	265A9A6
HP 128 LSR WRD Mouse (Bulk120)	265D9A6
HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9UT
HP Business Mouse Pad	AT485AA
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT

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

Mounting Kits

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

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 DVI-D Adapter	FH973AA
HP DisplayPort to DVI-D Adapter	FH973AT
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
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HyperX Gaming Peripherals

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Headsets SC

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

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

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

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

HyperX SoloCast Microphones SC

HyperX SoloCast - USB Microphone (Black)	4P5P8AA
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