

# HP ProOne 440 G9 - all-in-one - Core i5 13500T 1.6 GHz - 16 GB - SSD 256 GB - LED 23.8"



29-10-2024

SKU	997POET#UUW
Product Description:	HP ProOne 440 G9 - all-in-one - Core i5 13500T 1.6 GHz - 16 GB - SSD 256 GB - LED 23.8"
Type:	Personal computer - all-in-one
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden
Processor:	Intel Core i5 (13th Gen) 13500T / 1.6 GHz (, up to 4.6 GHz, (14-core)
Processor Main Features:	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache
Cache Memory:	24 MB L3 Cache
Cache Per Processor:	24 MB

## General

Type:	Personal computer
Product Form Factor:	All-in-one - with height-adjustable stand
Sensors:	HP Tamper Lock
Embedded Security:	Trusted Platform Module (TPM 2.0) Security Chip
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden

## Processor / Chipset

CPU:	Intel Core i5 (13th Gen) 13500T
Clock Speed:	1.6 GHz (P-core) / 1.2 GHz (E-core)
Max Turbo Speed:	4.6 GHz (P-core) / 3.2 GHz (E-core)
Number of Cores:	14-core
CPU Qty:	1
Max CPU Qty:	1
L2 cache:	11.5 MB

## Environmental Parameters

Min Operating Temperature:	10 °C
Max Operating Temperature:	35 °C
Humidity Range Operating:	5 - 90% RH (non-condensing)

## Dimensions & Weight (Shipping)

Shipping Width:	66 cm
Shipping Depth:	24 cm
Shipping Height:	46.2 cm
Shipping Weight:	12.69 kg

## Dimensions & Weight

Dimensions & Weight Details:	53.93 cm - 22.5 cm - 37.94 cm - 7.77 kg - with stand
Width:	53.93 cm
Depth:	22.5 cm
Height:	37.94 cm
Weight:	7.775 kg

## Processor / Chipset

CPU Upgradability:	Upgradable
Processor Main Features:	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache
Chipset Type:	Intel Q670

## Cache Memory

Installed Size:	L3 Cache - 24 MB
Cache Per Processor:	24 MB

## RAM

Installed Size:	16 GB (installed) / 64 GB (max)
Technology:	DDR4 SDRAM
Effective Memory Speed:	3200 MHz
Rated Memory Speed:	3200 MHz
Form Factor:	SO-DIMM 260-pin
Slots:	2 (Total) / 1 (empty)
Configuration Features:	1 x 16 GB

## Hard Drive

Type:	SSD - M.2 2280
Capacity:	1 x 256 GB
Interface Type:	PCI Express
Features:	NVM Express (NVMe)

## Storage Controller

Type:	1 x SATA
Controller Interface Type:	SATA 6Gb/s

## Optical Storage

Type:	No optical drive
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## Monitor

Monitor Type:	LED - IPS
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## Manufacturer Warranty

Service & Support:	Limited warranty - parts and labour - 1 year - on-site
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## Sustainability Information

ENERGY STAR Certified:	Yes
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## Operating System / Software

OS Provided:	Windows 11 Pro Danish / English / Finnish / Norwegian / Swedish
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Software:	HP Support Assistant, HP BIOS Configuration Utility (free download), HP Client Catalogue (free download), HP Driver Packs, HP Setup Integrated OOB, HP Image Assistant, HP JumpStart, HP System Software Manager (free download), HP Privacy Settings, HP Cloud Recovery, HP Desktop Support Utilities, HP Noise Cancellation Software, HP Management Integration Kit for Microsoft System Center Configuration Manager, Xerox DocuShare (30 days trial), HP Manageability Integration Kit Gen5
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## Power

Device Type:	Power supply
Voltage Required:	AC 90-264 V (50/60 Hz)
Power Provided:	120 Watt
Efficiency:	89% (230VAC), 88% (115VAC)
Power Factor Correction:	Yes (active)

## Miscellaneous

Theft/Intrusion Protection:	Security lock slot (cable lock sold separately)
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Security Slot Type:	Kensington security slot
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Compliant Standards:	FIPS 140-2 Level 2, RoHS, WEEE, Common Criteria EAL4+, low halogen
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Manufacturer Selling Program:	HP Smart Buy
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## Monitor

Diagonal Size:	23.8"
Native Resolution:	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.:	60 Hz
Widescreen Display:	Yes
Image Aspect Ratio:	16:9
Horizontal Viewing Angle:	178
Vertical Viewing Angle:	178
Colour Gamut:	72% NTSC
Pixel Pitch:	0.2745 mm
Response Time:	14 ms
Image Brightness:	250 cd/m <sup>2</sup>
Image Contrast Ratio:	1000:1
Monitor Features:	Anti-glare, Low Blue Light technology, rotatable, tilt stand (-5°- 20°), adjustable height (130 mm)

## Graphics Controller

Graphics Processor:	Intel UHD Graphics 770
Video Interfaces:	HDMI, DisplayPort
HDCP Compatible:	Yes

## Expansion / Connectivity

Bays:	1 (total) / 1 (free) x internal 2.5" ; 1 (total) / 1 (free) x external 5.25" Slim Line
Slots:	1 (total) / 0 (free) x M.2 Card - 2230 (for WLAN) ; 2 (total) / 1 (free) x M.2 Card - 2280 (for internal storage)
Interfaces:	4 x USB 3.2 Gen 1 ; 1 x USB 3.2 Gen 2 (1 side) (charging) ; 1 x USB-C 3.2 Gen 2 (1 side) ; 1 x DisplayPort 1.4a ; 1 x HDMI ; 1 x headphones/microphone (1 side) (CTIA and OMTP headset support) ; 1 x LAN (Gigabit Ethernet)

## Networking

Ethernet Controller:	Intel I219-LM
Wireless LAN Supported:	Yes
Wireless NIC:	Intel Wi-Fi 6E AX 211
Data Link Protocol:	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E), Bluetooth Dual-Mode
Remote Management Protocol:	SNMP 2
Features:	Wake on LAN (WoL), auto-uplink (auto MDI/MDI-X), PXE 2.1 support
Compliant Standards:	IEEE 802.3, IEEE 802.3i, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.11d, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11h, IEEE 802.11e, IEEE 802.11k, IEEE 802.3az, IEEE 802.11r, IEEE 802.11v

## Audio Input

Type:	Dual array microphone
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## Camera

Camera:	Yes
Resolution (MP):	5 Megapixel
Features:	Pull-up webcam, HP Auto Frame

## Audio Output

Sound Output Mode: Stereo

Max Sampling Rate: 192 kHz

Compliant Standards: High Definition Audio

