# HP

## HP ProOne 440 G9 Intel® Core™ i5 i5-13500T 60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Black

**Brand :** HP

**Product family:** ProOne

**Product code:** 998N2ET#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, Panel type: IPS. Processor family: Intel® Core™ i5, Processor frequency: 1.6 GHz. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Black

### Display

| | |
|---|---|
| Display diagonal * | 60.5 cm (23.8") |
| 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™ i5 |
| Processor generation | 13th gen Intel® Core™ i5 |
| Processor model * | i5-13500T |
| Processor cores | 14 |
| Processor threads | 20 |
| Processor boost frequency | 4.6 GHz |
| Processor frequency * | 1.6 GHz |
| Performance cores | 6 |
| Efficient cores | 8 |
| Performance-core Max Turbo Frequency | 4.6 GHz |
| Efficient-core Max Turbo Frequency | 3.2 GHz |
| Performance-core base frequency | 1.6 GHz |
| Efficient-core base frequency | 1.2 GHz |
| Processor cache | 24 MB |
| Processor cache type | L3 |
| Processor base power | 35 W |
| Maximum turbo power | 92 W |

### Memory

| | |
|---|---|
| Internal memory * | 16 GB |

### Network

| | |
|---|---|
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| 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 |
| HDMI ports quantity * | 1 |
| HDMI version | 1.4 |
| DisplayPorts quantity | 1 |
| Combo headphone/mic port | ✔ |

### Design

| | |
|---|---|
| Product colour * | Black |
| Cable lock slot | ✔ |
| Country of origin | China |

### Performance

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

## Memory

| | |
|---|---|
| Internal memory type | DDR4-SDRAM |
| Maximum internal memory * | 64 GB |
| Memory slots | 2x SO-DIMM |
| Memory slots type | SO-DIMM |
| Memory clock speed | 3200 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 | ✔ |
| Optical drive type * | ✖ |

## Graphics

| | |
|---|---|
| Discrete graphics card * | ✖ |
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| On-board GPU manufacturer | Intel |
| On-board graphics card family | Intel® UHD Graphics |
| On-board graphics card model * | Intel UHD Graphics 770 |

## Audio

| | |
|---|---|
| Built-in speaker(s) * | ✖ |
| Built-in microphone | ✔ |
| Audio chip | Realtek ALC3252 |

## Camera

| | |
|---|---|
| Built-in camera * | ✔ |
| Total megapixels | 5 MP |
| Privacy camera | ✔ |
| Privacy type | Pop-up |

## Network

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

## Software

| | |
|---|---|
| Operating system installed * | Windows 11 Pro |

## Brand-specific features

| | |
|---|---|
| HP JumpStart | ✔ |
| HP speaker type | HP Dual Speakers |
| HP Support Assistant | ✔ |
| HP front camera | HP Webcam 5MP |
| HP segment | Business |

## Power

| | |
|---|---|
| AC adapter power | 120 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 539.3 mm |
| Depth (with stand) | 225 mm |
| Height (with stand) | 379.4 mm |
| Weight (with stand) | 7.77 kg |
| Weight | 7.77 kg |
| Package width | 660 mm |
| Package depth | 240 mm |
| Package height | 462 mm |
| Package weight | 12.7 kg |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 10 - 35 °C |
| Operating relative humidity (H-H) | 5 - 90% |

## Certificates

| | |
|---|---|
| Low halogen | ✔ |

## Sustainability

| | |
|---|---|
| Sustainability compliance | ✔ |
| Sustainability certificates | ENERGY STAR |

## Packaging content

| | |
|---|---|
| Mouse included | ✔ |
| Mouse connectivity | Wired |
| Keyboard included | ✔ |
| Keyboard connectivity | Wired |
| Keyboard layout | QWERTY |

## Other features

| | |
|---|---|
| Chassis type | All-in-One |
| Display diagonal (metric) | 60.5 cm |
| Display included | ✔ |

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