



**HP ProOne 440 G9 Intel® Core™ i5 i5-13500T 60.5 cm (23.8") 1920 x 1080 pixels Touchscreen 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:** 998N3ET#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: 1.6 GHz. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Black



| Display                              |                          | Network   |                      |
|--------------------------------------|--------------------------|---|----------------------|
| Display diagonal *                   | 60.5 cm (23.8")          | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax)  |
| Display resolution *                 | 1920 x 1080 pixels       | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax)  |
| Touchscreen *                        | ✓                        | WLAN controller manufacturer                      | Intel                |
| HD type *                            | Full HD                  | WLAN controller model                             | Intel Wi-Fi 6E AX211 |
| Native aspect ratio                  | 16:9                     | Antenna type                                      | 2x2                  |
| Display brightness                   | 250 cd/m <sup>2</sup>    | Ethernet LAN *                                    | ✓                    |
| Panel type                           | IPS                      | Ethernet LAN data rates                           | 10,1000,100 Mbit/s   |
| RGB colour space                     | NTSC                     | Bluetooth *                                       | ✓                    |
| Anti-glare screen                    | ✓                        | Bluetooth version                                 | 5.3                  |
| Colour gamut                         | 72%                      |   |                      |
| Processor                            |                          | Ports & interfaces                                |                      |
| Processor manufacturer *             | Intel                    | Ethernet LAN (RJ-45) ports                        | 1                    |
| Processor family *                   | Intel® Core™ i5          | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                    |
| Processor generation                 | 13th gen Intel® Core™ i5 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 3                    |
| Processor model *                    | i5-13500T                | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1                    |
| Processor cores                      | 14                       | HDMI ports quantity *                             | 1                    |
| Processor threads                    | 20                       | HDMI version                                      | 1.4                  |
| Processor boost frequency            | 4.6 GHz                  | DisplayPorts quantity                             | 1                    |
| Processor frequency *                | 1.6 GHz                  | Combo headphone/mic port                          | ✓                    |
| Performance cores                    | 6                        |   |                      |
| Efficient cores                      | 8                        | Design  |                      |
| Performance-core Max Turbo Frequency | 4.6 GHz                  | Product colour *                                  | Black                |
| Efficient-core Max Turbo Frequency   | 3.2 GHz                  | Cable lock slot                                   | ✓                    |
| Performance-core base frequency      | 1.6 GHz                  | Country of origin                                 | China                |
| Efficient-core base frequency        | 1.2 GHz                  |   |                      |
| Processor cache                      | 24 MB                    | Performance                                       |                      |
| Processor cache type                 | L3                       | Product type *                                    | All-in-One PC        |
| Processor base power                 | 35 W                     | Market positioning                                | Everyday             |
| Maximum turbo power                  | 92 W                     | Motherboard chipset                               | Intel Q670           |
| Memory                               |                          | Trusted Platform Module (TPM)                     | ✓                    |
| Internal memory *                    | 16 GB                    | Trusted Platform Module (TPM) version             | 2.0                  |

|                                    |                        |                                   |                  |
|------------------------------------|------------------------|-----------------------------------|------------------|
| <b>Memory</b>                      |                        | <b>Software</b>                   |                  |
| Internal memory type               | DDR4-SDRAM             | Operating system installed *      | Windows 11 Pro   |
| Maximum internal memory *          | 64 GB                  | <b>Brand-specific features</b>    |                  |
| Memory slots                       | 2x SO-DIMM             | HP JumpStart                      | ✓                |
| Memory slots type                  | SO-DIMM                | HP speaker type                   | HP Dual Speakers |
| Memory clock speed                 | 3200 MHz               | HP Support Assistant              | ✓                |
| Memory layout (slots x size)       | 1 x 16 GB              | HP front camera                   | HP Webcam 5MP    |
| Memory form factor                 | DIMM/SO-DIMM           | HP segment                        | Business         |
| <b>Storage</b>                     |                        | <b>Power</b>                      |                  |
| Total storage capacity *           | 512 GB                 | AC adapter power                  | 120 W            |
| Storage media *                    | SSD                    | AC adapter frequency              | 50 - 60 Hz       |
| Number of storage drives installed | 1                      | AC adapter input voltage          | 100 - 240 V      |
| Total SSDs capacity                | 512 GB                 | <b>Weight &amp; dimensions</b>    |                  |
| Number of SSDs installed           | 1                      | Width (with stand)                | 539.3 mm         |
| SSD capacity                       | 512 GB                 | Depth (with stand)                | 225 mm           |
| SSD interface                      | PCI Express            | Height (with stand)               | 379.4 mm         |
| NVMe                               | ✓                      | Weight (with stand)               | 7.77 kg          |
| Optical drive type *               | ✗                      | Weight                            | 7.77 kg          |
| <b>Graphics</b>                    |                        | Package width                     | 660 mm           |
| Discrete graphics card *           | ✗                      | Package depth                     | 240 mm           |
| Discrete graphics card model *     | Not available          | Package height                    | 462 mm           |
| On-board graphics card *           | ✓                      | Package weight                    | 12.7 kg          |
| On-board GPU manufacturer          | Intel                  | <b>Operational conditions</b>     |                  |
| On-board graphics card family      | Intel® UHD Graphics    | Operating temperature (T-T)       | 10 - 35 °C       |
| On-board graphics card model *     | Intel UHD Graphics 770 | Operating relative humidity (H-H) | 5 - 90%          |
| <b>Audio</b>                       |                        | <b>Certificates</b>               |                  |
| Built-in speaker(s) *              | ✗                      | Low halogen                       | ✓                |
| Built-in microphone                | ✓                      | <b>Sustainability</b>             |                  |
| Audio chip                         | Realtek ALC3252        | Sustainability compliance         | ✓                |
| <b>Camera</b>                      |                        | Sustainability certificates       | ENERGY STAR      |
| Built-in camera *                  | ✓                      | <b>Packaging content</b>          |                  |
| Total megapixels                   | 5 MP                   | Mouse included                    | ✓                |
| Camera HD type                     | Full HD                | Mouse connectivity                | Wired            |
| Privacy camera                     | ✓                      | Keyboard included                 | ✓                |
| Privacy type                       | Pop-up                 | Keyboard connectivity             | Wired            |
| <b>Network</b>                     |                        | Keyboard layout                   | QWERTY           |
| Wi-Fi *                            | ✓                      | <b>Other features</b>             |                  |
|                                    |                        | Chassis type                      | All-in-One       |
|                                    |                        | Display diagonal (metric)         | 60.5 cm          |
|                                    |                        | Display included                  | ✓                |



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