

# HP ProOne 440 23.8 inch G9 All-in-One Desktop PC specifications

Learn about the features and specifications of the HP ProOne 440 23.8 inch G9 All-in-One Desktop PC.



## Product details

Learn about the HP ProOne 440 23.8 inch G9 All-in-One Desktop PC hardware and software. Computer features and components vary depending on the custom configuration.

## OPERATING SYSTEMS

Feature	Description
Preinstalled (Windows)	<p>Windows 11 Pro</p> <p>Windows 11 Pro Education</p> <p>Windows 11 Pro (Windows 11 Enterprise Windows 10 Enterprise available with a Volume Licensing Agreement)</p> <p>Windows 11 Home</p> <p>Windows 11 Home Single Language</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE:</b> HP recommends Windows 11 Pro for Business.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE:</b> Not all features are available in all editions or versions of Windows. Systems might require upgraded and/or separately purchased hardware, drivers, software, or BIOS update to take full advantage of Windows functionality. Windows automatic updates are always on. ISP fees and additional requirements might apply over time for updates.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE:</b> In accordance with Microsoft support policy, this product does not support Windows 8 or Windows 7. HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation or later processors, or provide any Windows 8 or Windows 7 drivers.</p> </div>
Preinstalled (other)	FreeDOS 1.2

**PROCESSORS**

Feature	Description
Intel Core i7-14700 Processor	2.1 GHz Performance-core base frequency, up to 5.3 GHz Performance-core Max Turbo Frequency 33 MB L3 cache and 20 cores Supports Intel vPro Technology
Intel Core i7-14700T Processor	1.3 GHz Performance-core base frequency, up to 5.0 GHz Performance-core Max Turbo Frequency 33 MB L3 cache and 20 cores Supports Intel vPro Technology
Intel Core i5-14500 Processor	2.6 GHz Performance-core base frequency, up to 5.0 GHz Performance-core Max Turbo Frequency 24 MB L3 cache and 14 cores Supports Intel vPro Technology
Intel Core i5-14500T Processor	1.7 GHz Performance-core base frequency, up to 4.8 GHz Performance-core Max Turbo Frequency 24 MB L3 cache and 14 cores Supports Intel vPro Technology
Intel Core i3-14100 Processor	3.5 GHz Performance-core base frequency, up to 4.7 GHz Performance-core Max Turbo Frequency 12 MB L3 cache and 12 cores
Intel Core i3-14100T Processor	2.7 GHz Performance-core base frequency, up to 4.4 GHz Performance-core Max Turbo Frequency 12 MB L3 cache and 4 cores
Intel Core 300 with Intel UHD Graphics 710	3.9 GHz Performance-core base frequency 6 MB L3 cache and 2 cores
Intel Core 300T with Intel UHD Graphics 710	3.4 GHz Performance-core base frequency 6 MB L3 cache and 2 cores
Intel Core i7-13700 Processor	2.1 GHz Performance-core base frequency, up to 5.1 GHz Performance-core Max Turbo Frequency 30 MB L3 cache and 16 cores Supports Intel vPro Technology
Intel Core i7-13700T Processor	1.4 GHz Performance-core base frequency, up to 4.8 GHz Performance-core Max Turbo Frequency 30 MB L3 cache and 16 cores Supports Intel vPro Technology

Feature	Description
Intel Core i5-13500 Processor	2.5 GHz Performance-core base frequency, up to 4.8 GHz Performance-core Max Turbo Frequency 24 MB L3 cache and 14 cores Supports Intel vPro Technology
Intel Core i5-13500T Processor	1.6 GHz Performance-core base frequency, up to 4.6 GHz Performance-core Max Turbo Frequency 24 MB L3 cache and 14 cores Supports Intel vPro Technology
Intel Core i5-13400 Processor	2.5 GHz Performance-core base frequency, up to 4.6 GHz Performance-core Max Turbo Frequency 20 MB L3 cache and 10 cores
Intel Core i3-13100 Processor	3.4 GHz Performance-core base frequency, up to 4.5 GHz Performance-core Max Turbo Frequency 12 MB L3 cache and 4 cores
Intel Core i3-13100T Processor	2.5 GHz Performance-core base frequency, up to 4.2 GHz Performance-core Max Turbo Frequency 12 MB L3 cache and 4 cores
Intel Core i7-12700 Processor	2.1 GHz base frequency, up to 4.8 GHz frequency with Intel Turbo Boost Technology 25 MB cache and 12 cores Supports Intel vPro Technology
Intel Core i7-12700T Processor	1.4 GHz base frequency, up to 4.7 GHz frequency with Intel Turbo Boost Technology 25 MB cache and 12 cores Supports Intel vPro Technology
Intel Core i5-12600 Processor	3.3 GHz base frequency, up to 4.8 GHz frequency with Intel Turbo Boost Technology 18 MB cache and 6 cores Supports Intel vPro Technology
Intel Core i5-12600T Processor	2.1 GHz base frequency, up to 4.6 GHz frequency with Intel Turbo Boost Technology 18 MB cache and 6 cores Supports Intel vPro Technology
Intel Core i5-12500 Processor	3.0 GHz base frequency, up to 4.6 GHz frequency with Intel Turbo Boost Technology 18 MB cache and 6 cores Supports Intel vPro Technology

Feature	Description
Intel Core i5-12500T Processor	2.0 GHz base frequency, up to 4.4 GHz frequency with Intel Turbo Boost Technology 18 MB cache and 6 cores Supports Intel vPro Technology
Intel Core i5-12400 Processor	2.5 GHz base frequency, up to 4.4 GHz frequency with Intel Turbo Boost Technology 18 MB cache and 6 cores
Intel Core i5-12400T Processor	1.8 GHz base frequency, up to 4.2 GHz frequency with Intel Turbo Boost Technology 18 MB cache and 6 cores
Intel Core i3-12300 Processor	3.5 GHz base frequency, up to 4.4 GHz frequency with Intel Turbo Boost Technology 12 MB cache and 4 cores
Intel Core i3-12100 Processor	3.3 GHz base frequency, up to 4.3 GHz frequency with Intel Turbo Boost Technology 12 MB cache and 4 cores
Intel Core i3-12100T Processor	2.2 GHz base frequency, up to 4.1 GHz frequency with Intel Turbo Boost Technology 12 MB cache and 4 cores
Intel Pentium Gold G7400 Processor	3.7 GHz base frequency 6 MB cache and 2 cores
Intel Pentium Gold G7400T Processor	3.1 GHz base frequency 6 MB cache and 2 cores
Intel Celeron Processor G6900	3.4 GHz base frequency 4 MB cache and 2 cores
Intel Celeron Processor G6900T	2.8 GHz base frequency 4 MB cache and 2 cores
Chipset	Intel Q670

**NOTE:** Multicore is designed to improve the performance of certain software products. You might not necessarily benefit from the use of this technology. Performance and clock frequency vary depending on the application workload and hardware and software configuration. Intel numbering is not a measurement of higher performance.

## MEMORY

Feature	Description
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Feature	Description
Standard	(2) SODIMM slots DDR4-3200 (transfer rates up to 4800 MT/s) DDR5-4800 (transfer rates up to 4800 MT/s) <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"><b>NOTE:</b> Slots are accessible or upgradeable.</div>
Maximum	64 GB
Configurations	64 GB (32 GB x 2) 32 GB (16 GB x 2) 32 GB (32 GB x 1) 16 GB (8 GB x 2) 16 GB (16 GB x 1) 8 GB (4 GB x 2) 8 GB (8 GB x 1) 4 GB (4 GB x 1)

**NOTE:** Due to the nonindustry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. Mixing memory speeds causes the system to perform at the lower memory speed.

## GRAPHICS

Feature	Description
Integrated	Intel UHD Graphics 770 (dependent on processor) Intel UHD Graphics 730 (dependent on processor) Intel UHD Graphics 710 (integrated on Pentium Gold and Celeron) <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"><b>NOTE:</b> View high definition images with High-definition (HD) content.</div>
Optional discrete graphics	AMD Radeon 6300M with 2 GB GDDR6 Graphics Card
Adapters and cables	HP DisplayPort Cable HP DisplayPort to DVI-D Adapter HP DisplayPort to HDMI True 4K Adapter HP DisplayPort to VGA Adapter HP USB to Serial Port Adapter

## DISPLAY PANEL

Feature	Description
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Feature	Description
Display panel options	60.45 cm (23.8 in) diagonal, IPS, widescreen WLED, backlit, antiglare LCD, (1920 x 1080) touchscreen panel 60.45 cm (23.8 in) diagonal, IPS, widescreen WLED, backlit, antiglare LCD, (1920 x 1080) nontouchscreen panel
Type	IPS WLED Backlit LCD
Brightness	300 nits (for touchscreen) 250 nits (for nontouchscreen) <b>NOTE:</b> Actual brightness might be lower for touchscreen panel.
Color gamut	sRGB 99% (for touchscreen) NTSC 72% (for Non-Touch)
Refresh rate	60 Hz at 1920 x 1080
Viewing angle (H x V)	178° x 178°

## STORAGE/DRIVES

Feature	Description
M.2 Solid-State Drive storage	2 TB M.2 2280 PCIe NVMe TLC SSD 1 TB M.2 2280 PCIe NVMe TLC SSD 1 TB M.2 2280 PCIe NVMe SSD 512 GB M.2 2280 PCIe NVMe TLC SSD 512 GB M.2 2280 PCIe NVMe SSD 256 GB M.2 2280 PCIe NVMe TLC SSD 256 GB M.2 2280 PCIe NVMe SSD 512 GB M.2 2280 PCIe NVMe Self-Encrypted OPAL2 TLC SSD 256 GB M.2 2280 PCIe NVMe Self-Encrypted OPAL2 TLC SSD <b>NOTE:</b> Storage DriveLock does not work with Self-Encrypting storage.
Hard Disk Drive storage 2.5 in	1 TB 7200 RPM SATA HDD
Optical Disc Drives	HP 9.5 mm Slim DVD-ROM Drive HP 9.5 mm Slim DVD Writer Drive
Media Card Reader	SD 3.0 with 4-in-1 Interface (supports SD, SDxC, SDHC, and UHS-I)

**NOTE:** For hard drives and solid-state drives, GB = 1 billion bytes and TB = 1 trillion bytes. Actual formatted capacity is less. System recovery software reserves up to 35 GB of the system space.

**NETWORKING/COMMUNICATION**

Feature	Description
Wireless LAN (WLAN)	<p>Intel Wi-Fi 6E AX211 802.11ax (2x2) and Bluetooth 5.3 (Intel vPro, supporting gigabit data rate)</p> <p>Intel Wi-Fi 6E AX211 802.11ax (2x2) and Bluetooth 5.3 (Intel non-vPro, supporting gigabit data rate)</p> <p>Realtek Wi-Fi 6 RTL8852BE 802.11ax (2x2) with Bluetooth 5.3 M.2 combo card</p> <p>Realtek RTL8821CE 802.11ac (1x1) with Bluetooth 5.3 M.2 combo card</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE:</b> Wi-Fi 6E is backwards compatible with prior 802.11 specs.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE:</b> Wireless access point and internet service required and not included. Only limited public wireless access points are available. The specifications for the 802.11 WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it might affect the ability of the device to communicate with other 802.11 WLAN devices.</p> </div>
Ethernet (RJ-45)	<p>Intel I219-LM 1 Gigabit Network Connection LOM (vPro)</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE:</b> The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet. It does not connote the actual operating speed of 1 Gb/sec. Connect to a Gigabit Ethernet server and network infrastructure for high-speed transmission.</p> </div>

**PORTS/SLOTS/BAYS**

Feature	Description
Side ports	<p>(1) USB 3.2 Gen 2 Type-A 10 Gbps signaling rate port</p> <p>(1) USB 3.2 Gen 2 Type-C 10 Gbps signaling rate port</p> <p>(1) Universal audio jack with CTIA headset support</p>
Rear ports	<p>(2) USB 3.2 Gen 1 Type-A; 5 Gbps signaling rate ports</p> <p>(2) USB 3.2 Gen 2 Type-A; 10 Gbps signaling rate ports</p> <p>(1) HDMI 1.4b input port</p> <p>(1) DisplayPort 1.4a port</p> <p>(1) RJ-45 (network) jack</p> <p>(1) DC input power port</p>
(1) Flexible Port 1 (rear; choice of one)	<p>(1) USB 3.2 Gen 2 Type-C 10 Gbps signaling rate port with DisplayPort Alt Mode</p> <p>(1) DisplayPort 1.4a or HDMI 2.1a or USB Type-C</p> <p>(1) Serial port</p>

Feature	Description
Slots	<p>(1) M.2 2230 PCIe x1 (for WLAN)</p> <p>(1) M.2 2280 PCIe x4 (for storage)</p> <p>(1) M.2 2280 PCIe x3 (for storage)</p> <p>(1) Integrated SATA storage connector</p>
Bays	<p>(1) 9.5 mm Slim Optical Disc Drive (ODD)</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"><b>NOTE:</b> Must be configured at the time of purchase.</div> <p>(1) SD Card Reader (optional)</p> <p>(1) 2.5 in Internal Storage Drive</p>

#### AUDIO/MULTIMEDIA

Feature	Description
Audio	Integrated Realtek ALC3252
Internal speaker amplifier	<p>2 W per channel class D stereo amplifier for the internal speaker only</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"><b>NOTE:</b> External speakers must be powered.</div>
Camera	<p>Integrated 5 MP RGB webcam and microphone</p> <p>Integrated 5 MP RGB webcam with IR sensor and microphone</p> <p>Maximum resolution: 2592 x 1944</p>

#### KEYBOARD/MOUSE

Feature	Description
Keyboard	<p>HP Wired Desktop 320K Keyboard</p> <p>HP USB Business Slim Wired SmartCard CCID Keyboard</p> <p>HP 125 Wired Keyboard</p> <p>HP 125 Anti-Microbial Wired Keyboard (China Only)</p>
Mouse	<p>HP Wired 320M Mouse</p> <p>HP Wired 125 Mouse</p> <p>HP Wired 128 Laser Mouse</p> <p>HP Wired 125 Antimicrobial Mouse (China only)</p>
Keyboard and Mouse combo	HP 655 Wireless Keyboard and Mouse Combo

**NOTE:** Availability might vary by country/region.



## SOFTWARE/SECURITY

Feature	Description
BIOS	<p>HP BIOSphere Gen6 (available on select platforms)</p> <p>HP DriveLock and HP Automatic DriveLock</p> <p>BIOS Update via Network</p> <p>HP Secure Erase (methods outlined in the National Institute of Standards and Technology Special Publication 800-88)</p> <p>Absolute Persistence Module</p> <div data-bbox="768 676 1944 863" style="border: 1px solid black; padding: 5px;"> <p><b>NOTE:</b> Activate Absolute agent firmware module by purchasing a licensed subscription. Purchase subscriptions for terms ranging multiple years. Check with Absolute for availability and warranty outside the U.S. Certain conditions apply.</p> </div>
Communication/connectivity	HP Connection Optimizer
Software	<p>HP Easy Clean</p> <p>HP PC Hardware Diagnostics UEFI</p> <p>HP Desktop Support Utilities</p> <p>HP Privacy Settings</p> <p>HP Setup Integrated OOBE</p> <p>HP Support Assistant</p> <p>HSA Fusion for Commercial</p> <p>HSA Telemetry for Commercial</p> <p>Touchpoint Customizer for Commercial</p> <p>myHP</p> <p>HP Notifications</p> <p>HP Connection Optimizer</p> <p>HP Smart Support</p> <p>Buy Microsoft Office (sold separately)</p>
Manageability	<p>HP Connect for Microsoft Endpoint Manager</p> <p>HP Image Assistant (available for download)</p> <p>HP Manageability Integration Kit (available for download)</p> <p>HP Client Management Script Library (available for download)</p> <p>HP Patch Assistant (available for download)</p> <p>HP Driver Packs (available for download)</p> <p>HP Cloud Recovery</p> <p>HP Client Catalog (available for download)</p>

Feature	Description
Security	HP Wolf Security for Business HP Sure Click HP Sure Sense HP Sure Run HP Sure Recover HP Sure Start HP Tamper Lock HP Sure Admin HP Client Security Manager
Other standard security features	Support for chassis padlocks and cable lock devices

## POWER

Feature	Description
External Power Supplies	120 W EPS
88% Average efficiency at 115 V and 89% at 230 V	150 W EPS
Active PFC	180 W EPS
	230 W EPS

## PHYSICAL SPECIFICATIONS

Feature	Description
System weight (unboxed; with stand)	7.315 kg (16.12 lb) <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <b>NOTE:</b> Weight varies by configuration and components.           </div>
Panel dimensions (with stand)	53.93 x 18.70 x 40.28 cm (21.23 x 7.36 x 15.85 in)