

# HP Presence 24 All-in-One with Zoom Rooms

## Elevate your meeting spaces

The elegant HP Presence All-in-One Conferencing PC with Zoom Rooms<sup>3</sup> is purpose built to promote productive and personal meetings where content sharing is a snap share content and collaboration is seamless. New audio features, a 16MP (4MP Binned) camera<sup>4</sup>, and dual mics enable innovation and creativity to flourish.

### Make a statement

Look and sound your best thanks to HP Auto Frame<sup>5</sup> a 16MP (4MP Binned) Camera<sup>4</sup> with an optional rotating swivel mount<sup>6</sup>, dual 360-degree omnidirectional microphones, Dynamic Voice Leveling<sup>5</sup>, and AI-noise reduction 2.0.<sup>5</sup>

### Ready to run right out of the box

Simply unbox this easy to set up All-in-One and get meetings started in a flash. With Zoom Rooms<sup>3</sup> software preinstalled, you have everything you need to conduct high quality meetings.

### Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>7</sup>



\*Product image may differ from actual product



# HP Presence 24 All-in-One with Zoom Rooms

## Featuring

### Conference room ready

Get powerful performance from Windows IoT and the latest Intel® processor.<sup>1,2</sup>

### HP Auto Frame

Move around a little without losing viewers' attention during video calls with HP Auto Frame.<sup>5</sup>

### Stand up and be heard

Improve how you sound on calls with HP Dynamic Voice Leveling and AI-based noise reduction 2.0.<sup>5</sup>

### myHP

Enable hardware and software innovations from HP with the myHP application. This single dashboard houses access to settings for audio, video, the programmable key, and more.<sup>8</sup>

### Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS—HP Sure Start Gen7 automatically recovers the BIOS from malware, rootkits, or corruption.<sup>9</sup>

### Speed up the basics of IT management

Deploy the HP Manageability Integration Kit to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft Endpoint Manager.<sup>10</sup>

### Get PC images right the first time

Improve the quality and security of custom Windows images with HP Image Assistant which assists ITDMs with image creation, identifies problems, and provides recommendations and remediation.

### Built-in durability

Rest easy with a PC that goes the distance and is designed to pass 120,000 hours of HP Total Test Process and undergoes MIL-STD 810G testing.<sup>11,12</sup>



# HP Presence 24 All-in-One with Zoom Rooms

## Technical specifications

<b>Available Operating Systems</b>	Windows 10 IoT Enterprise <sup>1</sup>
<b>Processor family<sup>5</sup></b>	13th Generation Intel® Core™ i5 processor 13th Generation Intel® Core™ i3 processor
<b>Available Processors<sup>2,3,4</sup></b>	Intel® Core™ i3-13100 (3.4 GHz P-core base frequency, up to 4.5 GHz P-core Max Turbo frequency, 12 MB L3 cache, 8 P-cores and 0 E-cores, 8 threads) Intel® Core™ i5-13400 (1.8 GHz E-core base frequency, 2.5 GHz P-core base frequency, up to 3.3 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 20 MB L3 cache, 6 P-cores and 4 E-cores, 16 threads) Intel® Core™ i5-13600 (2.0 GHz E-core base frequency, 2.7 GHz P-core base frequency, up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 20 threads), supports Intel® vPro® Technology Intel® Core™ i5-13500 (1.8 GHz E-core base frequency, 2.5 GHz P-core base frequency, up to 3.5 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 20 threads), supports Intel® vPro® Technology
<b>Chipset<sup>2</sup></b>	Intel® Q670 (vPro®)
<b>Form factor</b>	All-in-one
<b>Maximum memory</b>	16 GB DDR5-4800 SDRAM; <sup>12,13</sup> Transfer rates up to 4800 MT/s.
<b>Memory slots</b>	2 SODIMM
<b>Internal storage</b>	up to 256 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD <sup>14</sup> up to 256 GB PCIe® NVMe™ TLC M.2 SSD <sup>14</sup>
<b>Display</b>	60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, Low Blue Light, 250 nits, 72% NTSC
<b>Available Graphics</b>	Integrated: Intel® UHD Graphics 770
<b>Audio</b>	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers
<b>Wireless technologies</b>	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®
<b>Expansion slots</b>	1 M.2 2230/2280; 2 M.2 2280 (1 PCIe M.2 2230/2280 slot for WLAN or Storage and 2 PCIe M.2 2280 slot for storage.)
<b>Ports and connectors</b>	Left side: 1 headphone/microphone combo ; Right side: 1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate ; Rear: 1 RJ-45; 1 HDMI 2.0a; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Dual-Mode DisplayPort™ 1.4; 1 SuperSpeed USB Type-C® 20Gbps signaling rate
<b>Input devices</b>	HP Wired Desktop 320K Keyboard; HP USB and PS2 Washable Keyboard; HP Wireless Premium Keyboard; HP Wired Desktop 320MK Mouse and Keyboard; HP USB Premium Keyboard; HP USB Business Slim Antimicrobial Keyboard; HP USB Business Slim SmartCard CCID Keyboard; HP 655 Wireless Keyboard and mouse combo; HP 455 Wireless Programmable Keyboard; HP USB Fingerprint Mouse; HP USB optical mouse; HP Wired Desktop 320M mouse; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP USB Premium Mouse; HP Wireless Premium Mouse
<b>Communications</b>	LAN: Intel® I219-LM PCIe® GbE NIC, vPro®
<b>Camera</b>	16 MP Swivel IR camera with Color Light Sensor and Time of Flight Sensor <sup>6</sup>
<b>Environmental</b>	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
<b>Software</b>	HP Notifications; HP Connection Optimizer; HP Collaboration PC with Zoom Rooms; HP Desktop Support Utilities; MyHP; HP Auto Frame
<b>Security management</b>	Absolute Persistence module; HP Sure Admin; HP BIOSphere Gen6; HP Sure Start Gen7
<b>Security Software Licenses</b>	HP Wolf Pro Security Edition <sup>56</sup>
<b>Fingerprint reader</b>	Fingerprint reader



# HP Presence 24 All-in-One with Zoom Rooms

## Technical specifications

<b>Management features</b>	HP Image Assistant Gen 5 (download); HP Manageability Integration Kit (download) <sup>7</sup>
<b>Memory card device</b>	1 5-in-1 SD media card reader
<b>Power</b>	240 W internal power supply, up to 92% efficiency, active PFC
<b>Dimensions</b>	53.96 x 23.8 x 55.81 cm; (System dimensions may fluctuate due to configuration and manufacturing variances.); 62.8 x 18.6 x 67.5 cm (Package)
<b>Weight</b>	8.96 kg; (Exact weight depends on configuration.)
<b>Ecolabels</b>	EPEAT® registered
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; 30% ITE-derived closed loop plastic; Low Halogen; 80 Plus® Platinum power supplies available
<b>Display color gamut</b>	72% NTSC



# HP Presence 24 All-in-One with Zoom Rooms

## Footnotes

### Messaging Footnotes

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated, which is always and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- <sup>2</sup> 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.
- <sup>3</sup> Zoom license required and sold separately.
- <sup>4</sup> Pixel binning provides a final output resolution of 4MP per still or video image.
- <sup>6</sup> Optional feature that must be configured at the time of purchase.
- <sup>7</sup> HP Wolf Security for Business requires Windows and 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.
- <sup>9</sup> HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.
- <sup>10</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>11</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>12</sup> MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

### Specification Footnotes

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- <sup>2</sup> Intel vPro® on this product requires 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>.
- <sup>3</sup> 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.
- <sup>4</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
- <sup>5</sup> Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>
- <sup>6</sup> 5 MP cameras are optional.
- <sup>7</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>8</sup> HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.
- <sup>9</sup> HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
- <sup>10</sup> Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/>.
- <sup>11</sup> HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- <sup>12</sup> For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2666 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible / upgradeable.
- <sup>13</sup> All memory slots are customer accessible / upgradeable.
- <sup>14</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) of disk is reserved for system recovery software.
- <sup>56</sup> HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: [https://support.hp.com/us-en/document/ish\\_3875769-3873014-16](https://support.hp.com/us-en/document/ish_3875769-3873014-16) as that EULA is modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support.

