

# HP Presence Small Space Solution Plus AI Camera with Zoom Rooms

Be in the room from any room



AI-enhanced audio, cinematic 4K video, and engaging controls make virtual meetings more personal. HP Presence with Zoom Rooms<sup>3</sup> interacts intuitively with users providing an intelligent meeting experience and delivers useful real-time analytics back to IT.<sup>5,6</sup>



Learn more with the HP Presence Interactive Demo: <https://hp-presence.herokuapp.com/>.

\*Product image may differ from actual product

## Windows 10 IoT Enterprise

### Empower small spaces

- Remove barriers to conferencing and connect your workforce with the HP Presence Control with Audio, HP Presence See 4K AI Camera, HP Presence Mini Conferencing PC, and HP Smart Set Up for huddle and small rooms.

### Bring people together

- The intelligent HP Presence See 4K AI Camera wakes on room entry and automatically adjusts the framing of the video with speaker tracking and picture-in-picture modes. The HP Presence Control provides natural room-filling sound.

### Quickly report issues

- Report a room issue in two seconds. Remove the friction of reporting room issues like missing chairs, dry markers, trash, temperature issues, and more to IT, facilities, or the café admin with HP Presence Room Assistant.<sup>9</sup>
- HP Wolf Security for Business protects the BIOS with a hardware-enforced, always-on, resilient defense.<sup>19</sup>
- Your HP Presence conferencing system utilizes HP Meeting Ready detection when you enter the room to wake your system so you can quickly start your meeting.
- The camera follows you or multiple presenters as they move within the camera's frame with HP Auto Frame. HP Speaker Frame uses picture-in-picture to show the speakers expressions to build a connection with the audience.
- How you're seen over video calls is as important as how you sound. Get vibrant clarity and make sure viewers never miss a visual cue, even in low lighting conditions with HP Lowlight Adjustment.
- HP Dynamic Voice Leveling automatically enhances microphone gain to optimize voice clarity within 3-meters of the microphone. HP AI Noise Reduction uses noise-filtering technology to enhance audio and video conferencing experience even while wearing a mask.
- Remove echo for participants not in the room with HP Presence microphones equipped with HP Rapid Echo Cancellation.
- HP Smart Setup automatically optimizes the audio to the room size and location of HP Presence devices with HP Auto EQ Calibration.<sup>20</sup>
- Use the multi-purpose cable included with your HP Presence solution to host any UC meeting directly from the convenience of your laptop.<sup>21</sup>
- In two taps you can launch HP Clean Screen that allows you to safely wipe your HP Presence Control or HP Presence Control Plus without disruption or interference. Then, a clean device notice is sent to the HP Presence Insights dashboard.<sup>6,22</sup>
- Know when a device is physically disconnected from your HP Presence system with Disconnect Monitoring that provides a notice through the user interface.
- With custom multi-UC capability and high-resolution share with no degrade in performance, the HP Presence Mini Conferencing PC is designed specifically to power intelligent conferencing experiences with color-coded in/out ports to simplify setup.<sup>23</sup>
- With Audio by Bang & Olufsen, powerful speakers, and a low-profile sleek design, the HP Presence Control with Audio elevates the conferencing space and puts the controls at your fingertips.<sup>24</sup>
- Easily deployable and intelligent, the HP Presence See 4K AI Camera wakes on room entry and automatically adjusts the framing of the 4K video based on the number of participants in the room. Speaker tracking and picture-in-picture modes provide your audience with an in-the-room experience.<sup>27</sup>
- Report a room issue in two seconds with the HP Presence Room Assistant. Now frequent issues like missing chairs, dry markers, trash, temperature issues, and more can be easily reported to IT, facilities, or the café admin.<sup>9</sup>
- Know when something is wrong in the room via proactive monitoring and alerting of device health issues and updates with HP Presence Manager. HP Presence devices report their health status directly to the collaboration portal so you can resolve issues quickly.<sup>5</sup>
- Get better visibility into the user experience and utilization of your conferencing spaces with optional HP Presence Insights that includes HP Room Assistant, deeper insights into meeting experiences and quality via a single pane of glass dashboard.<sup>5</sup>

## HP Presence Small Space Solution Plus AI Camera with Zoom Rooms Specifications Table



\*Product image may differ from actual product

<b>Operating system</b>	Windows 10 IoT Enterprise SAC <sup>1</sup>
<b>Processor</b>	Intel® Core™ i5-10500T (2.3 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) <sup>6,7</sup> Processor family: 10th Generation Intel® Core™ i5 processor Intel® Core™ i5 with vPro® Technology <sup>2</sup>
<b>Chipset</b>	Intel® Q470 (vPro®)
<b>Memory</b>	8 GB DDR4-2666 MHz RAM (2 x 4 GB) <sup>4,8</sup> Transfer rates up to 2666 MT/s. Memory slots: 2 SODIMM
<b>Storage</b>	256 GB PCIe® NVMe™ M.2 SSD <sup>9</sup>
<b>Graphics</b>	Integrated: Intel® UHD Graphics 630;
<b>Audio</b>	2 x 2.52 in stereo speakers, 4-corner (360°) integrated microphones, 4 m pickup range (included in HP Presence Control Center)
<b>Console Display</b>	20.3 cm (8") diagonal, HD (1280 x 800), WLED-backlit touch screen, anti-glare (Control Center) 8" diagonal, HD (1280 x 800), WLED-backlit touch screen, anti-glare (Control Center)
<b>Power</b>	65 W external power adapter, up to 89% efficiency (Control Center); 90 W external power adapter, up to 89% efficiency (Mini Conferencing PC)
<b>Wireless connectivity</b>	Intel® Wi-Fi CERTIFIED 6™ AX201 (2x2) and Bluetooth® 5.1 combo, vPro <sup>10</sup>
<b>Ports</b>	Rear: 1 power connector; 1 RJ-45; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 2 HP Presence Control Ports; 1 SuperSpeed USB Type-C® 5Gbps signaling rate (recommended for 4K AI camera or Audio Video Bar); 1 HDMI 2.0a (recommended as primary output port) <sup>11</sup> Front: 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 3.5 mm audio Jack
<b>Video connectors</b>	1 M.2 2230; 2 M.2 2242/2280 1 M.2 slot for WLAN and 2 M.2 2242/2280 slot for storage.
<b>Camera</b>	12 MP 2160p 4K UHD up-down rotational AI camera
<b>Software</b>	HP Privacy Settings; Zoom Rooms; HP Desktop Support Utilities; HP TechPulse; HP Presence Smart Setup; HP Cloud Endpoint Manager; HP Presence App <sup>15,16,17</sup>
<b>Management features</b>	HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant Gen 5 (download); HP Client Management Script Library (download); HP Manageability Integration Kit (download); HP Presence Manager; HP Presence Insights <sup>12,13,14</sup>
<b>Services</b>	HP Presence Exchange <sup>25</sup>
<b>Environmental</b>	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;
<b>SKU Number</b>	641V4AW
<b>Ecolabels</b>	EPEAT® registered ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure, I/O strip and bezel frame; Recycled Plastic cushions <sup>21,22,23,24</sup>
<b>Weight</b>	1.42 kg (Mini Conferencing PC); 1.65 kg (Control Center); 0.44 kg (table stand camera); 0.26 kg (wall mount camera); 3.13 lb (Mini Conferencing PC); 3.64 lb (Control Center); 0.96 lb (table stand camera); 0.57 lb (wall mount camera) Packed: 9.8 kg; 21.6 lb
<b>Dimensions</b>	17.7 x 17.5 x 3.4 cm (Mini Conferencing PC); 6.52 x 22.66 x 19.33 cm (Control Center); 10 x 10 x 19.6 cm (table stand camera); 8.1 x 9.8 x 8.1 cm (wall mount camera); 6.97 x 6.89 x 1.35 in (Mini Conferencing PC); 2.56 x 8.92 x 7.61 in (Control Center); 3.52 x 3.52 x 6.89 in (table stand camera); 3.18 x 3.85 x 3.18 in (wall mount camera) Packed: 57.9 x 28.8 x 36.5 cm; 22.8 x 11.3 x 14.4 in
<b>Included accessories</b>	HP Presence Port Cover; HP Mini Security Dual VESA Sleeve v3 with Power Supply Holder; HP Presence Control Center; HP Presence Multi-Port Adapter; HP DisplayPort to HDMI True 4k Adapter; T10/T4 Torq wrench; HP Presence Mini Conferencing PC with preloaded Win IoT Enterprise and Zoom Rooms; HP 90 W Power Supply; HP 65 W USB-C Power Supply; HP Presence 5 m USB-C Cable (with clips); HP See Presence 4K AI Camera (includes camera, wall mount, table mount, 5 m right angle cable, and clips)
<b>Security management</b>	HP Wolf Security for Business includes: HP Sure Start Gen7, HP Secure Erase <sup>18,19</sup>

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## Key Selling Points 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> 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 Rooms software preinstalled. Subscription to Zoom Rooms required and sold separately.
- <sup>4</sup> HP Presence Manager requires HP Presence Meeting Space Solutions and uses HP Cloud Endpoint Manager and HP TechPulse, a telemetry and analytics platform that provides critical data around devices and applications. HP Cloud Endpoint Manager and HP TechPulse follow stringent GDPR privacy regulations. HP TechPulse is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos).
- <sup>5</sup> HP Presence Insights is included through December 31, 2022 with the purchase of HP Presence Meeting Space solutions. Functionality will then revert to HP Presence Manager. Purchase of 1–5-year license is required thereafter. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos). HP Presence Manager and HP Presence Insights use HP Cloud Endpoint Manager and HP TechPulse, a telemetry and analytics platform that provides critical data around devices and applications. HP Cloud Endpoint Manager and HP TechPulse follow stringent GDPR privacy regulations. HP TechPulse is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos).
- <sup>6</sup> HP Presence Room Assistant is included with HP Presence Insights. HP Presence Insights is included through December 31, 2022 and functionality will then revert to HP Presence Manager. Purchase of 1–5-year license is required thereafter. HP Presence Manager and HP Presence Insights use HP Cloud Endpoint Manager and HP TechPulse, a telemetry and analytics platform that provides critical data around devices and applications. HP Cloud Endpoint Manager and HP TechPulse follow stringent GDPR privacy regulations. HP TechPulse is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos).

## Feature Messaging Footnotes

- <sup>19</sup> HP Wolf Security for Business on HP Presence Room Solutions includes HP Sure Start and HP Secure Erase.
- <sup>20</sup> HP Auto EQ Calibration only available with the purchase of HP Presence Meeting Room solutions.
- <sup>21</sup> Multi-purpose cable has HDMI, USB Type-C<sup>®</sup> and USB-A connections.
- <sup>22</sup> HP Clean Screen disables the touch on the device for 10 seconds allowing you to clean the screen.
- <sup>23</sup> HP Presence Mini Conferencing PC included in select bundles or sold separately.
- <sup>24</sup> HP Presence Control with Audio included in select bundles or sold separately.
- <sup>27</sup> HP Presence See 4K AI Camera included in select bundles or sold separately.

## Technical Specifications 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<sup>®</sup> 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<sup>®</sup> Essentials and Enterprise vary. See <http://intel.com/vpro>.
- <sup>4</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>6</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>7</sup> Intel<sup>®</sup> Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- <sup>8</sup> All memory slots are customer accessible/upgradeable.
- <sup>9</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>10</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
- <sup>11</sup> Guest mode will not be available using the front USB-C<sup>®</sup> port or using the rear DisplayPort<sup>™</sup> port on the HP Mini.
- <sup>12</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>13</sup> HP Presence Manager requires HP Presence Meeting Space Solutions and uses HP Cloud Endpoint Manager and HP TechPulse, a telemetry and analytics platform that provides critical data around devices and applications. HP Cloud Endpoint Manager and HP TechPulse follow stringent GDPR privacy regulations. HP TechPulse is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos).
- <sup>14</sup> HP Presence Insights is included through December 31, 2022 with the purchase of HP Presence Meeting Space solutions. Functionality will then revert to HP Presence Manager. Purchase of 1–5-year license is required thereafter. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos). HP Presence Manager and HP Presence Insights use HP Cloud Endpoint Manager and HP TechPulse, a telemetry and analytics platform that provides critical data around devices and applications. HP Cloud Endpoint Manager and HP TechPulse follow stringent GDPR privacy regulations. HP TechPulse is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. HP Presence Manager and HP Presence Insights are licensed by the terms of the HP Presence Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos).
- <sup>15</sup> Zoom Rooms software preinstalled. Subscription to Zoom Rooms required and sold separately.
- <sup>16</sup> HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP TechPulse follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>.
- <sup>17</sup> HP Cloud Endpoint Manager is licensed by the terms of the HP Presence Insights Terms of Service [www.hp.com/hp-presence-insights-tos](http://www.hp.com/hp-presence-insights-tos).
- <sup>18</sup> HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
- <sup>19</sup> HP Sure Start Gen7 is available on select HP PCs.
- <sup>21</sup> Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
- <sup>22</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- <sup>23</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>24</sup> Plastic cushions are made from >90% recycled plastic.
- <sup>25</sup> HP Presence Exchange is a separately purchased service.

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