



HP Windows Mixed Reality Headset Developer Edition VR1000-009

Coming soon



Part reality. Part revolutionary.

Dive into the world of Windows Mixed Reality and blur the line between real and digital. The HP Mixed Reality Headset Developer Edition includes everything you need to start programming a new type of PC experience.⁽⁴⁾

Product overview

- **Seamless setup:** With integrated motion tracking, a 2-in-1 cable that pairs HDMI 2.0 and USB 3.0 together, and full software support, there's no additional software to download, no sensors to set up, and no frustrating hoops to jump through—just plug and play.
- **Immersion without boundaries:** Program around an impeccably immersive experience. 1440 x 1440 resolution per eye and up to a 90Hz refresh rate⁽¹⁾ helps ensure crystal-clear visual quality, while six degrees of freedom with no tracking boundaries allow for liberating movement.
- **Extraordinary comfort:** When it comes to ultimate immersion, a non-intrusive headset is key. The perfect combination of comfort and convenience, this headset uses a double-padded headband, easy adjustment knob, and front-hinged display for a superb experience even after hours of testing.⁽⁵⁾

Technical specifications

- **Display size:** 2.89 in diagonal (x2)
- **Display resolution:**
Per eye: 1440 x 1440
Combined: 2880 x 1440
- **Display refresh rate:**
90Hz when paired to HDMI 2.0 port
60Hz when paired to HDMI 1.4 port
- **Field of view:** 95 degrees horizontal (Fresnel-Aspherical)
- **Tracking cameras:** 2 front-facing cameras
- **Audio input/output:** 3.5mm combo audio jack

Additional information

- **UPC:** 191628276264
- **Product number:** Z5N73AA#ABL
- **On ad date:** 07/30/2017
- **Unpackaged dimensions:** 6.93 in x 13.34 in x 5.03 in
- **Packaged dimensions:** 12.8 in x 11.42 in x 9.37 in
- **Unpackaged weight:** 1.84 lb
- **Packaged weight:** 4.3 lb
- **Pallet dimensions:** 47.24 in (L/D) x 39.37 (W) x 89.45 in (H) approx.
- **Pallet weight:** 496.32 lb approx.
- **Layers per pallet:** 9
- **Products per layer:** 12
- **Total products per pallet:** 108

Recommended system requirements⁽⁶⁾

- **Operating System:** Windows 10 – Creators Update (Developer Mode enabled)⁽²⁾
- **Processor:**
Intel® Core™ i7
AMD Ryzen 7 1700 (6 Core, 12 threads)⁽³⁾
- **Notebook PC graphics:**
NVIDIA GTX 965M
AMD RX 480M (2GB) equivalent or greater DX12 and WDDM 2.2 capable GPU
- **Desktop PC graphics:**
NVIDIA GTX 980/1060
AMD Radeon RX 480 (2GB) equivalent or greater DX12 and WDDM 2.2 capable GPU
- **Drivers:** Windows Display Driver Model (WDDM) 2.2
- **Memory:** 16GB or greater
- **HMD connectors:**
HDMI 1.4 or Display Port 1.2 for 60 Hz HMD Mode
HDMI 2.0 or Display Port 1.2 for 90 Hz HMD Mode
1 x available graphics display port for HMD
- **Storage:** >10 GB additional free space
- **USB connectivity:**
1 available USB port for HMD
1 available USB 3.0 Type-A
- **Bluetooth®:** Bluetooth® 4.0 (for accessory connectivity)

Warranty and support

- **Peace-of-mind coverage:** Rest easy with an HP standard one-year limited warranty.

⁽¹⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²⁾ 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. ⁽³⁾ 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 is not a measurement of higher performance. ⁽⁴⁾ HP Mixed Reality Headset is not for children under the age of 13. All users should read the HP MR Headset User Guide to reduce the risk of personal injury, discomfort, property damage and other potential hazards and for important information related to your health and safety when using the headset. This is a development version and intended for developers only. By purchasing you also agree to the software license agreement here: https://www.microsoft.com/en-us/Useterms/OEM/Windows/10Mobile/UseTerms_OEM_Windows_10Mobile_English.htm ⁽⁵⁾ Extended wear only recommended with frequent use of the front-hinged display in the up position. See users guide for more information. ⁽⁶⁾ System recommendations are intended to provide hardware guidance to software developers who may need additional computing power and are above the minimum hardware requirements. Actual product may vary from image shown. © Copyright 2017 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

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