

Sharp. Precise. Immersive.

Experience category-leading immersion with VIVE Pro 2, ideal for environments and applications including design, marketing visualization, precision training, and more.



VIVE Pro 2 is a high-fidelity professional PC-VR system designed to elevate your virtual experiences with 5K resolution, balanced ergonomics, sub-millimeter tracking accuracy, and cutting-edge accessories.

Discover what makes category-leading immersion



High visual fidelity

Visualize in 5K clarity

See, share, and explore ideas in brilliant clarity. Bring out the finer details in applications with combined 4896 x 2448 resolution.

5K resolution may be subject to processing compatibility.



Wide field of view

See more of your environment

A wide 120° field of view (FOV) expands the VR viewing experience. The increased angle better aligns with the human eyes, letting you see more naturally.



High refresh rate

Experience seamless visuals

Increase your visual comfort in graphics-intensive applications with a 120Hz refresh rate.



SteamVR™ Tracking

Configure large multi-user spaces

Scale your tracking space—from seated to standing to full 33'x33' (10m x 10m)¹ room-scale tracking. SteamVR Tracking 2.0 allows you to add up to 4 base stations for wide-area tracking avoiding occlusion, and ideal for multi-user environments, all at sub-millimeter accuracy.



Hi-Res® certified audio

Hear VR environments as intended

Hi-Res certified headphones with 3D spatial sound integration and a powerful amplifier deliver immersive soundscapes for lasting impact.



Designed for professional use

Enjoy VR with hours on end comfort

Industry-defining balanced construction and adjustability provides a comfortable fit for VR sessions of any length and purpose. The headset fits a wide range of head sizes and vision types, even glasses. Find your sweet spot to minimize eye fatigue with the IPD adjustment dial.

Adjustable interpupillary distance (IPD)—the distance measured in mm between the centers of eye pupils.

Software you need. Deployment that works.



Compatible Software

Tap into a vast existing catalog

Use your existing software like Unreal Engine, Unity Software, Autodesk® VRED®, Mindesk, and many more. If you need something more specific our ISV program features independent software vendors with existing off-the-shelf solutions. Highly-skilled ISV development studios capable of providing custom solutions and content creation services are also an available option. It's the best way to find the right partner for your business.

[View ISV Directory >](#)



Offline SteamVR™ Library

Deploy with confidence

VIVE Pro 2 includes access to the Offline SteamVR Library, which allows installation in a secure environment where the machine is not connected to the internet.



Maximize immersion with VIVE accessories

VIVE Tracker

Go beyond VR controllers

Bring objects into a virtual environment, whether it's a tool, camera, or your full body.² It's the ideal system for virtual production, simulations, and motion capture.



VIVE Facial Tracker

Express more than words in VR

Capture true-to-life facial expressions and mouth movement with precision. Read intentions and emotions in real time.³



VIVE Wireless Adapter

Move freely with untethered PC VR

Remove cords from the equation. Make wireless, multi-user virtual reality an actuality with the lightweight, easy-to-setup VIVE Wireless Adapter.⁴

VIVE Wireless Adapter supports combined 2448 x 1224 resolution and 90Hz refresh rate when used with VIVE Pro 2. 3264 x 1632 resolution support coming soon.

VIVE Business Warranty & Services

Enterprise-grade support and services designed to protect your investment

Keep your operation running smoothly with VIVE Business Warranty & Services. The package includes a two-year limited commercial-use warranty, support, and services. Features like next business-day email response and expedited product repair or replacement minimize downtime.

Registration and activation required for use. Start by creating a VIVE Business account. Activation must be completed within 90 days of the hardware purchase. A service request cannot be submitted until a business account is created and registered.

VIVE Business Warranty & Services is required for commercial use of VIVE Pro 2.⁵ Sold separately. See purchase options at business.vive.com/bws Subject to [Terms and Conditions](#).

Upgrade to 5K

VIVE Pro 2 is available in a headset only option.⁶
Seamlessly integrate with your existing controllers and base stations.



VIVE PRO 2 HEADSET SPECIFICATIONS

Screen:	Dual RGB low persistence LCD
Resolution:	2448 x 2448 pixels per eye (4896 x 2448 pixels combined) Only supports 2448 x 1224 pixels combined via VIVE Wireless Adapter
Refresh Rate:	90/120 Hz Only 90Hz supported via VIVE Wireless Adapter
Field of View:	Up to 120 degrees
Audio:	Hi-Res certified headphones (removable) High-impedance headphones support (via USB-C analog signal)
Inputs:	Dual Integrated microphones
Connections:	Bluetooth, USB-C port for peripherals
Sensors:	G-sensor, gyroscope, proximity, IPD sensor, SteamVR Tracking V2.0 (compatible with SteamVR 1.0 and 2.0 base stations)
Ergonomics:	Eye relief with lens distance adjustment, adjustable IPD, adjustable headphones, adjustable headstrap

CONTROLLER SPECIFICATIONS

Sensors:	SteamVR Tracking 2.0
Input:	Multifunction trackpad, grip buttons, dual-stage trigger, system button, menu button
Connections:	Micro-USB charging port

TRACKED AREA REQUIREMENTS

Standing/Seated:	No min. space requirements
Room-scale:	A minimum play area of 6'6" x 4'11" is required. Maximum size is 33' x 33' with 4 SteamVR™ 2.0 Base Stations.

MINIMUM COMPUTER SPECIFICATIONS

Processor:	Intel® Core™ i5-4590 or AMD Ryzen 1500 equivalent or greater
Graphics:	NVIDIA® GeForce® GTX 1060 or AMD Radeon RX 480 equivalent or greater GeForce® RTX 20 Series (Turing) or AMD Radeon™ 5000 (Navi) generations or newer required for Full Resolution mode
Memory:	8 GB RAM or more
Video Out:	DisplayPort 1.2 or higher (*DisplayPort 1.4 or higher with DSC is required for Full Resolution mode.)
USB Ports:	1x USB 3.0 or newer
Operating System:	Windows® 10

¹ Provides up to 525 sq. ft (48.8m²) or 22'11" x 22'11" (6.9m x 6.9m) area using two SteamVR™ Base Station 2.0 units. Add two additional SteamVR™ Base Station 2.0 units to get up to 1000 sq. ft (100m²) or 33' x 33' (10m x 10m). Headset option does not include base stations.

² VIVE Tracker sold separately. VIVE Tracker compatibility may vary. Please check your product information prior to use.

³ VIVE Facial Tracker sold separately. Compatible with VIVE Pro 2, VIVE Pro, and VIVE Pro Eye.

⁴ VIVE Wireless Adapter and compatible attachment kits sold separately. Requires available PCIe slot.

⁵ VIVE Business Warranty & Services (BWS) is intended for commercial customers only. Any activation by an individual for personal consumer use may be cancelled or subject to revocation at HTC's discretion. BWS may only be utilized by the original purchaser or acquirer and may not be resold, distributed, or otherwise transferred. Registration required to activate your BWS products. By activating BWS products, you agree to be subject to the [Terms and Conditions](#).

⁶ Headset-only option does not include controllers or base stations.