

# Project Chronos

## The virtual freedom for all of us.



Businesses and consumers are increasingly looking for more engaging and interactive ways to enhance their hybrid lifestyles through new and dynamic experiences. As such, the ability to collaborate, connect, and achieve these experiences in both the virtual and physical worlds has a growing appeal now more than ever. Powered by the 13<sup>th</sup> Gen Intel® Core™ processor, the Project Chronos concept offers a glasses-free, full-body-movement-driven experience that enables consumers and creators to virtually control their life-like avatar without the need for any motion-capture (mocap) wearable. Instead, the user's movement is captured via an advanced RGB depth camera that replicates their real-time actions within a 3D-rendered virtual environment, displaying it on a monitor in their home with a DisplayPort™ or HDMI™ port, like a TV or large PC screen. Once their avatar is created, the user can control it using only their gestures, movements, posture, and even facial expressions, and see it rendered on screen in near-real time. As a privacy measure, the camera can be rotated 180 degrees to face the inside of the unit for added peace of mind when powered off and not in use. The virtual world is the stage for you to build together. Lenovo is working with developers, content, and service partners to expand on this thriving ecosystem and launch a solution that can provide the virtual freedom to exceed the imagination.

### Why you should be excited about Project Chronos



#### Create freely, fully, virtually

Explore new ways to surf, live-stream, produce, and connect across your social media platforms of choice. Create with a new level of ingenuity with the intimate motion-sensor controls of Project Chronos. Select your digital garment and design your avatar, set up your backdrops in any way you want them. The virtual world's a stage for you to play any role you want. Anyone can create content with the simple tools that Project Chronos is building for the future. Utilize full-body and facial motion controls to finally unlock the full extent of your imagination in a space that's all completely yours, via a digital avatar tailored to present your ideas on your next vlog and a video piece.



#### Game with full-body motion control

Unencumbered, unrestricted, and undefeated gaming experiences. Immersive virtual worlds are coming to Project Chronos, complete with top-tier motion-control capabilities. Control with greater precision and freedom with brand-new sensor technologies that can read your movements with minimal latency via the device's RGB, TOF, and AI chip camera. Strike, swing, sprint, strafe, and compete on an all-new device that's tailored to match the gameplay to your movements. Don't forget to bring your whole party!



#### Connect at work like never before

Connect at your work and build an unmatched level of trust with partners and clients via a virtual home experience that's built for productivity on the largest of screens while feeling much more intimate and personal. Video conference with greater clarity in a home environment that's ideally set up for your meeting. Imagine viewing and discussing a 3D module of your next product together with your colleague in a virtual space, shaking hands with a partner, or giving virtual high-fives as you celebrate a new milestone. Engaging with your teammates or introducing projects or product modules to new business partners - wherever they are in the physical world - will finally become an interactive experience as the last remaining physical boundaries fade away.



#### Home fitness, live and personalized

Stop doing solitary workouts alone at home. Project Chronos offers a host of innovative fitness technologies that help developers build various fitness apps for users to meet their acute exercise and fitness needs - all streamed directly into their home environments. Picture live coaching and training with instructors from all around the world being able to engage more freely and modify their students' postures. Either hands-free, with dumbbells or on an at-home bike trainer, fitness users can sweat and smile with other patrons in a virtual gym, on world-famous mountain peaks, or even wave and nod as they run or cycle past each other. Fitness scores, calorie counts, personalized training plans, group challenges, and so much more can now be unlocked with the power of Project Chronos.



[WWW.LENOVO.COM](http://WWW.LENOVO.COM)



**Smarter  
technology  
for all**

**Lenovo**

# Project Chronos

## Specifications

### Performance

**Processor**

13<sup>th</sup> Gen Intel® Core™ Processor

**Operating System**

Windows 10

**Graphics**

Discrete Graphics

**Memory**

Up to 32 GB

**Storage<sup>1</sup>**

Up to 512 GB SSD

**Audio**

2 x 6W Speakers

**Camera**

RGB Camera with TOF

### Design

**Dimensions**

(mm) : 284 x 275 x 60.6

(inches): 11.18" x 10.83" x 2.39"

**Weight**

3540 g (7.8 lbs)

**Color<sup>2</sup>**

Cloud Grey

### Connectivity

**WLAN**

WiFi 6E

**Bluetooth<sup>\*</sup>**

Bluetooth<sup>®</sup> 5.0

**Ports**

2 x USB 3.2 Gen 2<sup>3</sup>

2 x RJ45 (Giga)

1 x DC Jack

3 x DP

4 x Mini DP

### Information

**Software<sup>4</sup>**

Chronos (Developed by Lenovo)

<sup>1</sup> Actual available capacity is less and varies due to many factors, including formatting, partitioning and operating system, etc. which utilize part of this capacity. The available capacity may change with software updates.

<sup>2</sup> Color options may vary per geography and availability.

<sup>3</sup> The actual transfer speed of the USB 3.2 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, may be slower than a speed of 20 Gbit/s.

<sup>4</sup> See product website for full list of preloaded software. Actual software application availability varies by country. All subscription services sold separately, actual resolution may vary with user's subscription. Available in select markets.



[WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo and Yoga are trademarks of Lenovo. Intel, Intel Core, Intel Iris, Thunderbolt, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Bluetooth is a trademark of Bluetooth Special Interest Group (SIG). NVIDIA, GeForce and RTX are trademarks of NVIDIA. USB Type-C and USB-C are registered trademarks of USB Implementers Forum. WiFi is a trademark of WiFi Alliance. All other trademarks are the property of their respective owners. ©2022, Lenovo Group Limited.



Smarter  
technology  
for all

Lenovo