OVERVIEW

1. 2x Pass-through camera	9. B button (Y button on left controller)
2. 4x Infrared camera	10. Main menu button
3. Power button	11. Grab button
4. Headphone / microphone combo jack (3.5mm)	12. Trigger button
5. LED indicator	13. Volume buttons
6. USB-C 3.2 Gen 2	14. Pass-through mode button
7. Thumbstick	15. Face pad
8. A button (X button on left controller)	16. Simple twist closure adjustment knob

PERFORMANCE

Panel

Optics
Pancake lens

Display Size
2.1-inch LCD per eye

Resolution
2280 x 2280 per eye

Dot / Pixel Per Inch
1512 pixels per inch

Refresh Rate
72Hz / 90Hz

Field of View (FOV)
95°

Processor

Processor
Qualcomm® Snapdragon® XR2+ Gen 1

Operating System

Operating System
Android™ 12 with Over-the-Air (OTA) updates

Memory

Memory
12GB LPDDR5

Storage

Storage
128GB UFS 3.1

Multi-Media

Audio
- Integrated speakers
- Dual microphone
- Headphone / microphone combo jack (3.5mm)

Battery

Battery
6900mAh battery

Charging Time
Around 2.5 hours to fully charge the device[1]

Notes:

[1] For faster charge, Lenovo® recommends using a Lenovo® 45W AC Adapter USB Type-C®.

VR Support

Virtual See-Through (VST)
2-camera full color HD pass-through

Tracking
4-camera 6DoF optical tracking

VR Stream
Wi-Fi® streaming / wired connection via USB-C® streaming

PC Support

- Minimum Configuration of Windows® 11 system
  Intel® Core™ i7-10875H CPU @ 2.30GHz
  16GB memory
  NVIDIA® GeForce RTX™ 2060
- Minimum Configuration of Windows® 10 system
  Intel® Core™ i7-6700K CPU @ 4.00GHz
  16GB memory
  NVIDIA® GeForce GTX 980

DESIGN

Input Device

Controls**

- Left controller:
  Thumbstick, X button, Y button, Menu button, Trigger button, Grab button
- Right controller:
  Thumbstick, A button, B button, Menu button, Trigger button, Grab button

Mechanical

Materials

Fully wipe-able surfaces

Weight[1]

Around 0.83 kg (1.83 lbs)

In the Box

- USB-C® 2.0 Cable (Type-C to Type-A, 5v@3A, 1-meter / 3.28-feet)
- 2x Cable clips
- Left hand controller
- Right hand controller
- ThinkReality VRX headset
- Rear pad
- Top strap
- Face pad - narrow
- Face pad - wide
- 2x Lanyards
- 2x AA batteries (optional)
- Quick start guide
- Warranty and safety guide

Notes:

[1] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Connections

- Bluetooth® 5.2
- Wi-Fi® 6E, 802.11 a/b/g/n/ac/ax[1]

Notes:

[1] 6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/gateways that support WiFi 6E, along with the regional regulatory certifications and spectrum allocation.

Ports

Standard Ports

- 1x USB-C® 3.2 Gen 2 (support data transfer and 9V@3A charging)

- 1x Headphone / microphone combo jack (3.5mm)

SERVICE

Warranty

Base Warranty

1-year courier or carry-in service

CERTIFICATIONS

Green Certifications

Green Certifications

- BSMI (Taiwan Region)
- CB
- CE
- FCC
- ICES (Canada)
- KCC (Korea)
- NOM (Mexico)
- RCM (Australia / New Zealand)
- Türkiye-DoC
- UKCA (Great Britain)
- VCCI (Japan)

Other Certifications

Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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