

LYNX-R1 Technical specifications

Display

Optics	4-fold catadioptric freeform prism
Resolution	Dual 1600x1600 LCD@90Hz
FoV/PPD	90° (circular)/18 (with super resolution)

Sensors

Positional tracking	2 B&W cameras
Hand tracking	2 IR cameras
RGB Cameras	2 visible light cameras
IMU	Accelerometer, gyroscope

Audio

Speakers	2 stereo speakers
Microphone array	2 channels
Audio connector	3.5mm TRRS Jack

Tracking

6DoF tracking	SLAM with world anchors
Hand tracking	Two-handed, gesture recognition

Processing System

SoC	Qualcomm® Snapdragon™ XR2
Memory	6 GB LPDDR5
Storage	128 GB, extensible with micro SD card
Software Platform	Android 10, Unity3D

Connectivity

Wi-Fi	Wi-Fi 6 (802.11ax)
Bluetooth	5.0
USB	USB Type-C

Power

Battery life	3 hours of active use
Cooling	Active