



Display

Efficiency and uniformity

Waveguides

- >85% see-through holographic waveguides
- >2,500 nits to user eye
- 30° FOV, landscape design

Projector

• LCOS & LED light engine with HD display

Compute

Standalone full mobile compute

- Qualcomm Snapdragon™ XR2 Platform, SoC based
- 8-encrypted-cores (FIPS 140-2 Level 1 & Level 2 capable)
- Multi-core neural / machine learning engine
- Inside out tracking (3DoF, 6DoF & SLAM)

Camera

Photorealistic image quality

- 48MP with autofocus, lossless digital zoom and low-light support
- Support for high-res video streaming & media capture applications
- Support for scanning barcodes, QR codes
- Optical & electrical image stabilization

Audio

Multiple microphones designed to pick up the user's voice in a noisy environment

- Multi-microphone system (user, environment, target)
- Integrated stereo spatial speakers
- Lossless Bluetooth connectivity

Connectivity

Ability to use the device in any environment

- Wi-Fi 6E MIMO (multiantenna system) w/ Bluetooth 5.2
- GNSS (GPS, GLONASS, BEIDOU, Galileo)
- USB 3.1 Gen 2 on USB Type-C

All product specifications are subject to change to improve reliability, function, or design.

Design & Safety

Rugged industrial and enterprise design with socially acceptable form factor

- Industrial & military grade
- Built for noisy environments
- IP65
- Compliant to MIL-STD-810H
- ANSI Z87.1 eye safety
- Optional head strap and face mask

UX/UI

First AR device ever purposebuilt for enterprise and industrial-lite workers; designed to be hands-free and body position independent with voice & gaze recognition

- Always-on voice SDK multiple languages + sound beam forming
- Integrated wheel & click with glove / weather compatibility
- Spatial head-pose interaction (3DoF & 6DoF)
- Hand tracking / gesture UI
- Multi-microphone (beam forming) & stereo spatial speakers

DigiOS

Fully-integrated compatibility for the future of mobile computing

- AOSP Android 12, SDK, and APIs
- OpenXR, WebXR, and Snapdragon Spaces compatible
- DigiOS head-worn Android APIs
- DigiOS OTA (over-the-air) updates (software builds & security patches)