JORJIN

♦ APPLICATION

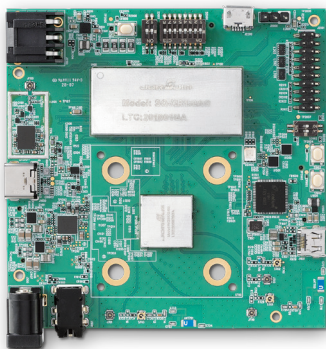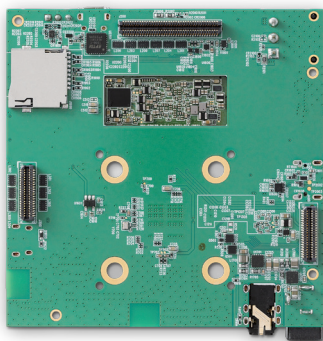**Carrier Board Top Side**

Customization
for Specific I / O

Carrier Board Bottom Side

XR1 HDK

Designed to ease the development of Apps running on Qualcomm® XR1 AR/VR Platform

AR/VR Applications Powered by Qualcomm® Snapdragon™ XR1 Platform

The XR1 Hardware Development Kit (HDK) is built around Jorjin's "XR1-SOM", a sleek and powerful System-on-Module based on Qualcomm® XR1 Snapdragon™ Platform. The XR1 HDK also supports WIFI/BT connectivity and is running Android OS. It can be easily connected to an AR/VR "smart viewer" through a USB type-C connector and it is optimized for developing AR/VR applications running on Qualcomm® XR1 platform.

♦ SPECIFICATION

Items		XR1 HDK
Platform	XR1 SOM	17x38mm SiP Module w/ Qualcomm® Snapdragon™ SXR1130 + eMCP (4GB LPDDR/64GB eMMC) + PM760 / PM 670L
	WQ3132 Wireless Module	13x13mm SiP Module w/ Qualcomm® WCN3990, Supports: 802.11a/b/g/n & 11ac, Bluetooth 5.0
	OS Support	Android 8.1
Interface	Micro HDMI Connector	HDMI Output x 1
	USB Connector	USB Type-C connector x 1 (USB 3.1/2.0) (supports Display port Alt mode)
	SD Card	Connector x1
	Audio	3.5mm Connector x 1 (XR1 HDK integrates Qualcomm® WCD9341 Audio Codec)
	160 pin Connector	Connector x1, dedicated to CSI signal
	80 pin Connector	Connector x 2, one for DSI signal, one for sensor
	UART	Connector x 1 for Debug
	DC IN	12V x1
Environment	Dimensions	80 x 80 mm