

Qualcomm® Snapdragon™ 888 Mobile Hardware Development Kit

Comprehensive and expandable development and evaluation kit for the Snapdragon 888 Mobile Platform.

The Snapdragon 888 Mobile Hardware Development Kit provides an open-frame solution for technology companies to integrate and innovate devices based on the Snapdragon 888 Mobile Platform.

The Snapdragon 888 Mobile Hardware Development Kit is a feature-rich Android development platform that is designed to provide an ideal starting point for creating high-performance mobile devices and applications based on the Snapdragon 888 Mobile Platform. The kit includes the hardware, software tools and accessories needed to immediately begin your mobile development work.

With an advanced 5-nanometer design, Snapdragon 888 platform is engineered for innovative and intelligent on-device AI, gigapixel speed professional camera quality, desktop quality graphics, and Gigabit Class download speeds.

The Snapdragon 888 mobile development platform is designed to provide original equipment manufacturers (OEMs), hardware/software vendors, developers and engineers with next generation software technology and tools to accelerate development and testing of devices.

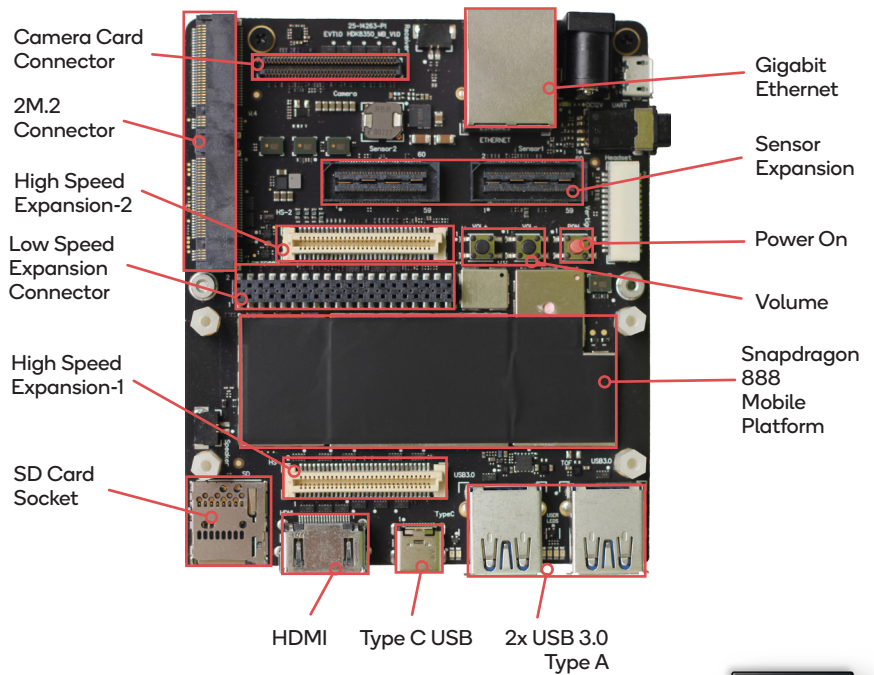
Solution Highlights

Kit Contents

- Single board computer (SBC) with Snapdragon 888
- 12V AC power adapter
- USB cable
- Setup guide

Display Expansion Card is an additional accessory

Development Platform

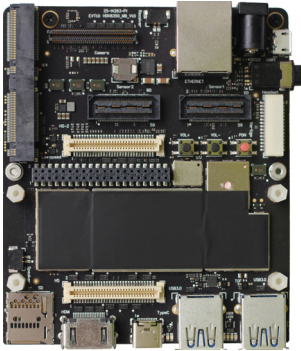




Snapdragon 888 Mobile Platform Applications

- Mobile PC's
- Apps Development
- IP Cameras
- Hexagon DSP
- Smart Phones/Tablets
- Artificial Intelligence

Snapdragon 888 Main Board



The Snapdragon 888 main board measuring 100mm x 85mm, is where all the processing occurs.

Display Expansion Board



The display expansion board includes a FHD+ AMOLED display with capacitive touch panel along with audio connectors, sensor GenX connector, Legacy sensor connector, 20p JTAG connector and front camera card connector.

Snapdragon 888 Specifications

Dimensions	100mm x 85mm (main board)
CPU	Qualcomm® Kryo™ 680 CPU
GPU	Qualcomm® Adreno™ 660 GPU delivers up to 35% faster graphics rendering*
DSP	Qualcomm® Hexagon™ 780 processor
Memory and Storage	12GB LPDDR5 PoP memory 256GB UFS 3.0
Connectivity	Wi-Fi: 802.11a/b/g/n/ac/ax 2.4/5GHz Bluetooth 5.1 + NFC card connector reserved
Camera Support	Qualcomm Spectra™ 580 image processing engine 6x MIPI CSI with support for 3D camera configuration
Display	2x MIPI dual 4-lane DSI + touch panel
Multimedia	HDMI 2.0 output - supports up to 4K UHD
I/O Interfaces	2M.2, HDMI, 1x USB 3.1 Type C, 2x USB 3.0 Type A, 1x USB 2.0 micro-B for UART, Gigabit Ethernet, 6x MIPI-CSI, 2x MIPI dual 4-lane DSI Expansion headers for additional features
Operating System	Android 11
Optional Accessories	Display: 6.65" AMOLED Display (2340 x 1080) with Touch Panel Camera Daughter Card: 16MP + 48MP + 13MP Rear Camera, TOF Sensor

* Compared to previous generations

Qualcomm Hexagon, Qualcomm Adreno, Qualcomm Spectra and Qualcomm Kryo are products of Qualcomm Technologies, Inc. and/or its subsidiaries.

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