

# Vision AI Developer Kit

## Supported by eInfochips



Qualcomm  
Snapdragon  
QCS603

Microsoft Azure  
IoT Edge

### About eInfochips

eInfochips, an Arrow company, is a leading global provider of product engineering and semiconductor design services. With over 500+ products developed and 40M deployments in 140 countries, eInfochips continues to fuel technological innovations in multiple verticals. The company's service offerings include digital transformation and connected IoT solutions on Microsoft Azure platforms.

### Engineering Highlights

**20+** Years of experience in system design  
**1700+** Engineering professionals  
**30+** B\$ corporations as customers  
**10** design centres in USA and India  
**500+** products across applications  
**200+** designs on Android and Linux  
**ISO 9001 and CMMi L3** compliant processes

### eInfochips as a Microsoft and Qualcomm Snapdragon Partner

eInfochips is a Microsoft Gold Cloud Productivity Partner and a Windows and Device Partner. Microsoft Azure enables the convergence of intelligent cloud and edge by providing the AI, Machine learning, and analytics capabilities on the edge. Our engineers are certified in Microsoft platforms and bring multi-project experience, employing best practices across verticals.

At the same time, eInfochips is also a Qualcomm Snapdragon Technology Partner and has enabled multiple product leveraging strong expertise in Snapdragon processor technology and latest Qualcomm SDKs.

Machine Vision

Industrial IOT

Home Automation

UAV and Robotics

4K Cameras

Human Machine Interface

Medical Imaging

Video Conferencing Systems



Datasheet Rev 1.0



#### Processor

- Qualcomm® Snapdragon QCS603
- DSP: Qualcomm® Hexagon™ 685 DSP
- GPU: Qualcomm® Adreno™ 615 GPU

#### Memory and Storage

- eMMC 16GB
- LPDDR4x 4GB
- SD Slot for micro SD card

#### Connectivity

- Qualcomm WCN3980 (1x1) chip supporting Wi-Fi: 802.11ac, 802.11a/b/g, 802.11n
- Wi-Fi Bands Support: 2.4 GHz, 5 GHz
- Bluetooth: Bluetooth 5.0
- Ethernet (RJ45) via USB C adapter (External to Kit)

#### USB

- USB Support – USB 3.1 Type C

#### Audio

- Line In / Out / 4x Mic / Speaker

#### Camera

- 8MP Camera with 4K Ultra HD
- Image Signal Processor: 2x Qualcomm Spectra™ 270 image signal processor, 14-bit

#### Display

- HDMI (Type A Connector)
- External Display Support: upto 4K Ultra HD

#### Power Specification

- Rechargeable battery
- Powered using USB 3.1
- PMIC – PME 605/8005

#### Indicators

- 3x LEDs

#### Operating System

- Yocto Linux

#### Kit Contents

- AI Vision Camera
- USB Type C to Type A Cable
- eInfochips Technical Support Catalog

#### Orderable Part

- EIC-MS-VISION-500

#### eInfochips Technical support

- **EIC-MS-Vision-Support-25**  
25 hours of support
- **EIC-MS-Vision-Support-100**  
100 hours of support
- **EIC-MS-Vision-Support-500**  
500 hours of support

#### Support

- [qcsupport@infochips.com](mailto:qcsupport@infochips.com)