

# OSM-IMX93

## Specification

### System Information

**System Memory** 2GB LPDDR4

**Chipset** NXP i.MX93

### Storage

**Storage** 16GB eMMC (8G/32G optional)

### OSM Module I/O

**GPIO** x 24

**I2C** x2

**MIPI CSI** One 2-lane MIPI CSI-2 camera input

**MIPI DSI** One 4-lane MIPI DSI display with data supplied by the LCDIF

**Network** One Gigabit Ethernet controller with support for Energy Efficient Ethernet (EEE), Ethernet AVB, and IEEE 1588  
One Gigabit Ethernet controller with support for TSN in addition to EEE, Ethernet AVB, and IEEE 1588

**USB Port** USB 2.0 controllers and PHYs interfaces

### Mechanical & Environmental

**Dimension** 30mm × 30mm

### Development board Interfaces

**CAN** One Controller Area Network (FlexCAN) modules, each optionally supporting flexible data-rate (FD)

**SPI** x2 Supports master and slave modes

**UART** x4 Supports hardware or software flow control;

**Adapter** 5V

