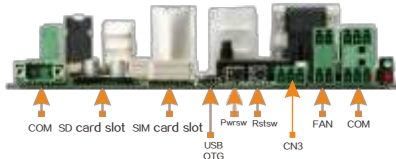


# ARM Architecture Industrial Motherboard

## EMB-7502

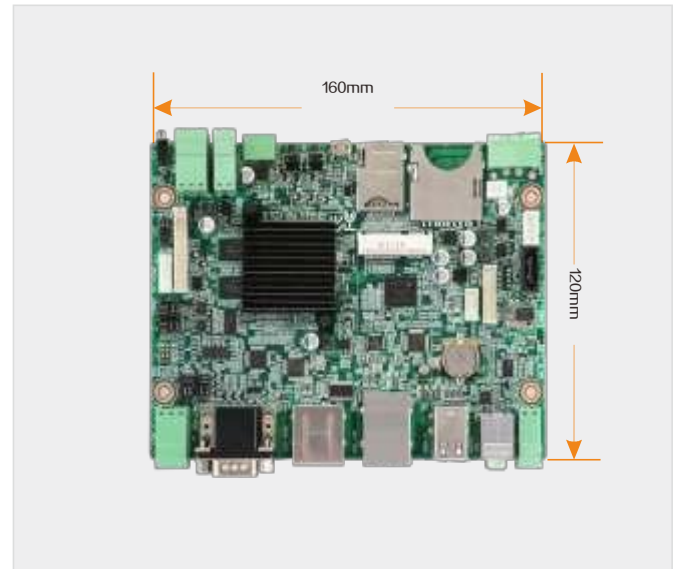
Based on Freescale IMX6Q ARM Architecture Industrial Motherboard



### Product:

- ◆ Based on Freescale Cortex A9 i.MX6Q Quad-Core Processor
- ◆ On board 2GB DDR3 memory, 16GB flash, provides 1x SD card slot, 1x SATA
- ◆ Support 1x VGA, 1x HDMI, 1x LVDS varies display ports, and independent multiple display
- ◆ Provides 5x COM (1x Db9 debugging port, 4x RS232/485), 7x USB 2.0, 1x USB OTG, 1x LAN, on board USB WiFi, 2x CAN, 1x Line out, 1x Line in, supports 5W power amplifier
- ◆ Provides 1x MINI PCIe ports, supports WIFI / 3G/4G module; 1x SIM card slot, supports 3G/4G network
- ◆ The board is compact and has high integration with All In One design
- ◆ Size : 160mm\*120mm

### Dimension:



### Specification:

Model	EMB-7502
Platform	Freescale ARM platform
CPU	Cortex™-A9 i.MX 6Q Quad-Core Processor
Memory	On board 2GB DDR3 memory
Flash	On board 16GB flash, provides 1x SD card slot, 1x SATA ( optional )
Graphic Control	CPU Integration
Display Port	1x VGA, 1x HDMI, 1x LVDS varies display ports, supports multi-view display
Ethernet	1x 10/100/1000Mbps LAN, on board USB Wi-Fi
Touch	I2C switch to 4 wire resistance screen
Audio	Provides Line out, Mic, on board 5W dual output power amplifier
I/O Interface	5x COM ( 1x DB9 debugging port, 4x RS232/485 ), 7x USB2.0, 1x USB OTG, 2x CAN 1x Line out, 1x Line in, supports 5W power amplifier; Provides 1x MINI PCIe port, supports WIFI/ 3G/4G module, 1x SIM card slot, supports 3G/4G network
Watchdog	Support
Power Supply	Single-supply +12V DC
Temperature	Operating Temperature: -20°C ~ 60°C Storage Temperature: -40°C ~ 85°C
Humidity	5% ~ 95% RH, non-condensing
Size	160mm x 120mm
OS	Android/Ubuntu/Linux+QT

### Wire:

Part Number	Specification and Model	Material	QTY
6.98.1311205089	RoHS power adapter Input: 100-240V 50/60Hz 0.8A, Output : 12V/1500mA No Plug & National Standard Pin GLS Electricity MODLE: GLS20W-12V/1500*	12V 1.5A power adapter	1x