FA30SB3-210

NXP i.MX6 Dual Core ARM Box PC



KEY FEATURES

- NXP i.MX6 Dual Core, 1GHz (Optional Quad Core)
- Up to 2 GB LPDDR3
- 16GB eMMC
- 1 x RS-232/422/485, 1 x CANBus, 1 x USB A-Type, 1 x RJ45 (Optional PoE)
- Micro HDMI
- Optional DIDO

SPECIFICATIONS

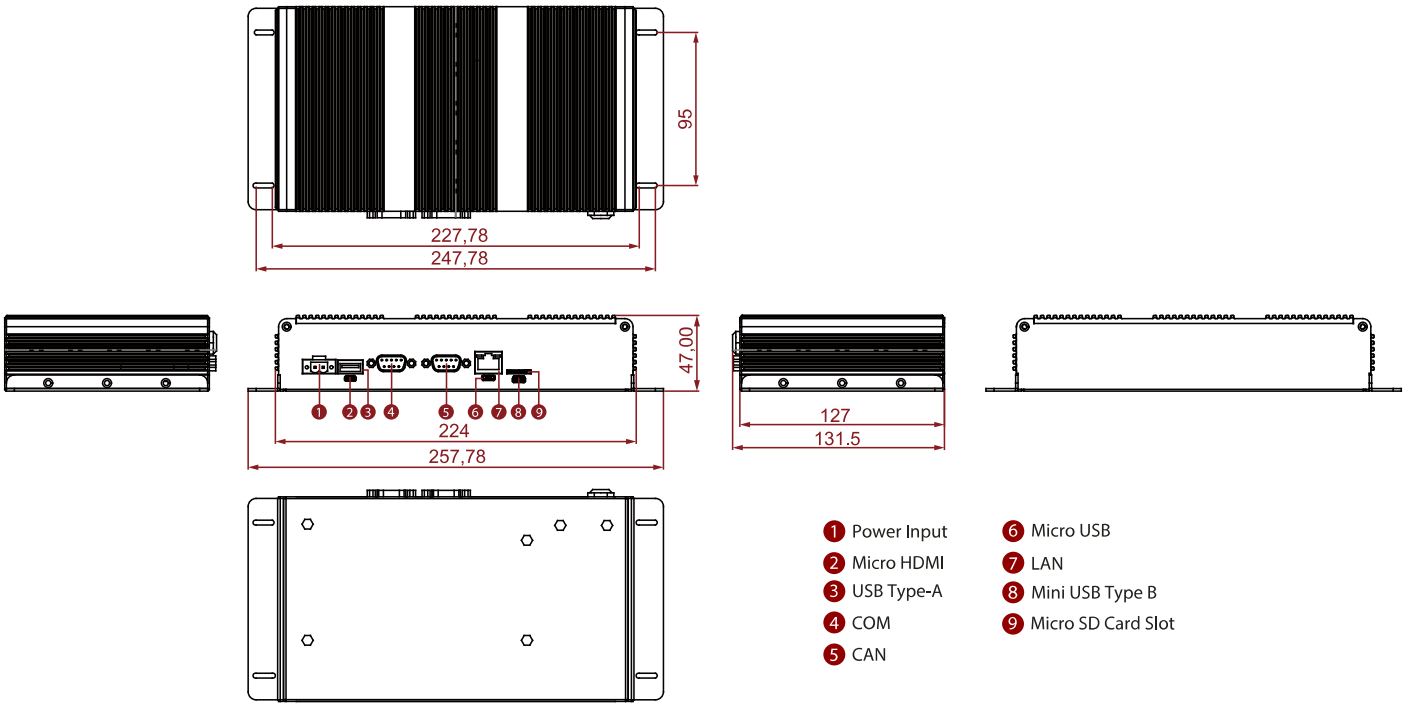
System Specification			
Processor	NXP i.MX6 Dual Core, 1.0GHz	**Memory**	1GB 2GB (Optional)
Storage	Onboard 16GB eMMC Onboard 32GB eMMC (Optional)	**Operating System**	Linux Ubuntu 18.04 (Optional) Android 6.0 (Optional) Debian 7.0 (Optional) Linux 4.1.15 QT 5.5 (Optional)
BT	Support (Optional)		
Mechanical			
Dimension	224 x 47 x 127 mm	**Mounting**	Desk Mount Wall Mount
Enclosure	Aluminum Housing	**Cooling System**	Fanless design
Environment			
Operating Humidity	10% to 90% (Non-Condensing)	**Operating Temperature**	-20~60°C
Storage Temperature	-20~60°C		
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, 2-Pin Terminal Block	**USB Port**	1 x USB 2.0 (Type-A) 1 x USB OTG (Micro USB)
Serial Port	1 x RS232/422/485 (Default RS232) 2 x RS232/422/485 (Default RS232) (Optional)	**SD Card Slot**	1 x Micro SD card Slot
Video	1 x Micro HDMI	**LAN**	1 x LAN RJ45 Connector with PoE(PD, 802.3 at)
Indicator	1 x LED Indicator for power	**DIDO**	1 x 8pin(1x8) for DIO (3 x DI, 3 x DO, GND, 3.3V) (Optional)
CANBUS	1 x Mini PCIE		
Control			
Button	1 x Power Button with LED Indicator (Optional)		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable		

	Driver CD & Manual

Power			
Power Rating	12V DC	**Adapter**	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)		

DIMENSIONS

UNIT:MM



NOTE

1. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.