

FA30SB3-210

ARM Box PC with NXP i.MX6 Dual Core



KEY FEATURES

- NXP i.MX6 Dual Core, 1GHz (Optional Quad Core), ARM Box PC
- 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

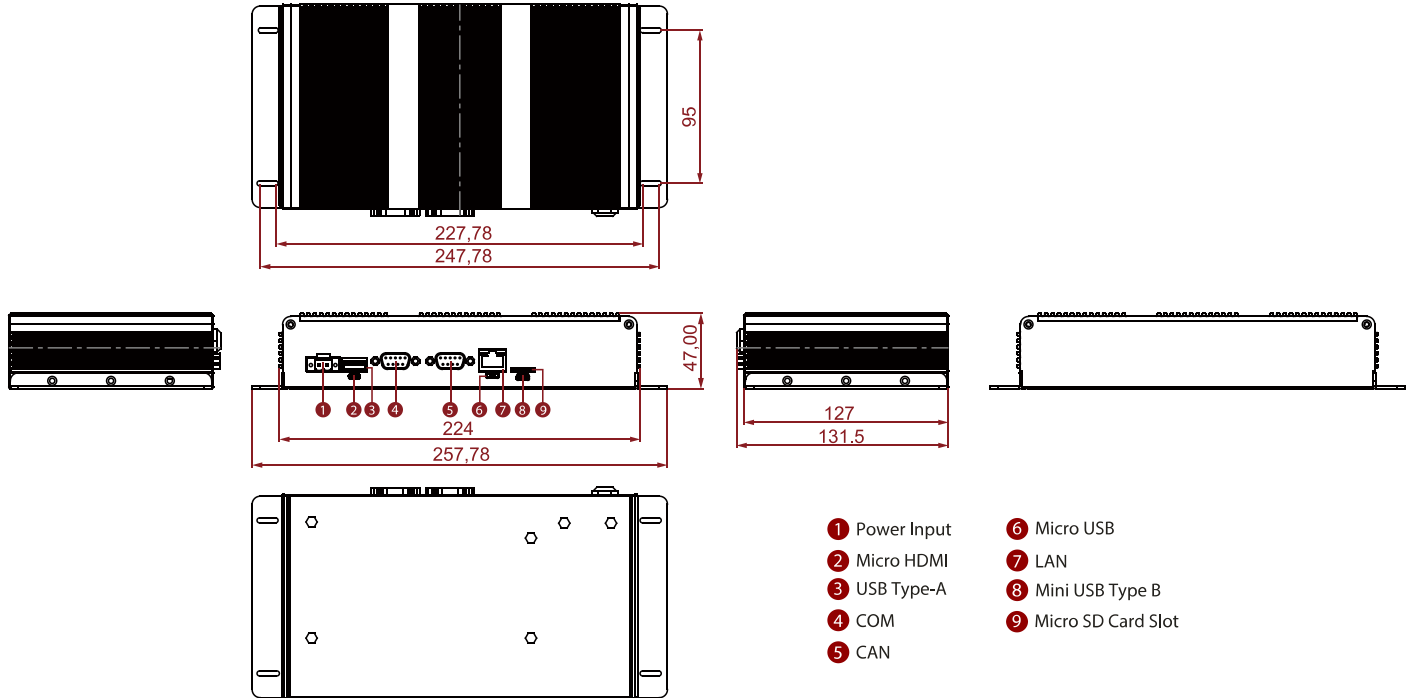


SPECIFICATIONS

| System Specification | | | |
|----------------------------|---|------------------------------|--|
| Processor | NXP i.MX6 Dual Core, 1.0GHz | Memory | 1GB 2GB (Optional) |
| Storage | eMMC: Onboard 16 GB eMMC: Onboard 32 GB (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 | Weight | 1.0 kg |
| Mounting | Desk Mount Wall Mount | Enclosure | Aluminum Housing |
| Cooling System | Fanless design | | |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | -20°C to 60°C |
| Storage Temperature | -20°C to 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 | | | |
|--------------|---------------------------------------|---------|---------|
| 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.