

AMAX-5400E

AMAX-5490

AMAX-5495

PCIe mini card expansion module

2-port Isolated RS-232/422/485 Communication Module

2-port CAN Module



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AMAX-5495



Specifications

General

- **Certification** CE, FCC class A
- **Enclosure** Aluminum housing
- **Power Consumption** 0.5W@24V_{DC}
- **Bus Interface** PCIe x1
- **LED Indicator** PWR, Standby

Expansion Function

- **Interface** Full size mini PCI express 2.0
- **SIM card slot** Nano SIM card
- **Antenna** 1x SMA hole on the top

Environment

- **Operating Temperature** -10 ~ 60°C (mounted vertically)
- **Storage Temperature** -40 ~ 85°C
- **Relative Humidity** 95% (non-condensing)

Ordering Information

- **AMAX-5400E** PCIe-mini card expansion module

Specifications

General

- **Certification** CE, FCC class A
- **Connector** 2 x DB9
- **Enclosure** Aluminum housing
- **Power Consumption** 2W@24V_{DC}
- **Bus Interface** PCIe x1
- **LED Indicator** PWR, Standby, TX/RX

Serial Communication

- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, even, odd
- **Baud Rate** 50 bps ~ 230.4 kbps
- **Data Signals** RS-232: TxD, RxD, GND
RS-422: Tx+, Tx-, Rx+, RX-
RS-485: Data+, Data-
256 bytes
- **FIFO**
- **Flow Control** Xon/Xoff

Protection

- **ESD Protection** 8KV (air), 4KV (contact)
- **EFT Protection** 2,000 V_{DC} (Power Line)
- **Isolation Protection** 2,500 V_{DC} (between COM port and backplane)

Environment

- **Operation Temperature** -10~60°C (vertical mounted)
- **Storage Temperature** -40~85°C
- **Relative Humidity** 95% (non-condense)

Ordering Information

- **AMAX-5490** 2-port isolated RS-232/422/485 Communication Module

Specifications

General

- **Certification** CE, FCC class A
- **Connector** 2 x DB9
- **Enclosure** Aluminum housing
- **Power Consumption** 3W@24V_{DC}
- **Bus Interface** PCIe x1
- **LED Indicator** PWR, Standby, TX/RX

Serial Communication

- **Protocol** CAN2.0 A/B
- **Data Transfer Rate** 1Mbits/s
- **DB9** 2 - CAN_N
7 - CAN_P
3 - CAN_{ISO}
1, 4, 5, 6, 8, 9 - NC

Protection

- **ESD Protection** 8KV (air), 4KV (contact)
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