

# APAX-5490

# APAX-5090

## 4-port RS-232/422/485 Communication Module

## 4-port RS-232/422/485 Virtual COM with APAX Bus

NEW



APAX-5490



### Specifications

#### General

- **Certification** CE, FCC class A
- **Interface** COM 1, COM 2: RS-232/422/485  
COM 3, COM 4: RS-232/422/485
- **Connectors** 1 x 26-pin clamp-type terminal
- **Dimensions (W x H x D)** 30 x 139 x 100 mm
- **Enclosure** ABS+PC
- **Weight** 180 g
- **Power Consumption** 2 W @ 5 V<sub>DC</sub> (typical)

#### Communications

- **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-
- **FIFO** 256 bytes
- **Flow Control** Xon/Xoff

#### Protection

- **ESD Protection** 15 kV
- **EFT Protection** 2,500 V<sub>DC</sub>
- **Isolation Protection** 2,500 V<sub>DC</sub> (between COM port and backplane)

#### Environment

- **Operating Temperature** -10 ~ 60°C (mounted vertically)
- **Storage Temperature** -40 ~ 70°C
- **Relative Humidity** 5 ~ 95% (non-condensing)

### Ordering Information

- **APAX-5490** Isolation 4-port RS-232/422/485 Comm. Module.

Note: APAX-5490 can only be used by controllers with a PCI Express interface (ex. APAX-5580)

NEW



APAX-5090



### Specifications

#### General

- **Certification** CE, FCC class A
- **Interface** COM 1, COM 2: RS-232/422/485\*  
COM 3, COM 4: RS-232/422/485\*  
\* Change Mode with the switch
- **Connectors** 1 x 26-pin clamp-type terminal
- **Dimensions (W x H x D)** 30 x 139 x 100 mm
- **Enclosure** ABS+PC
- **Weight** 180 g
- **Power Consumption** 2 W @ 24 V<sub>DC</sub> (typical)
- **LED Indicators** TX, RX
- **Supported OS** Win7 32-bit

#### Communications

- **Data Bits** 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, even, odd
- **Baud Rate** 600bps ~ 115.2 kbps
- **Data Signals** RS-232: TxD, RxD, GND  
RS-422: Tx+, Tx-, Rx+, RX  
RS-485: Data+, Data-
- **FIFO** 256 bytes
- **Operation Mode** Virtual COM
- **Maximum Support** Up to 8 pcs with one controller

#### Protection

- **ESD Protection** 15 kV
- **EFT Protection** 2,500 V<sub>DC</sub>
- **Isolation Protection** 2,500 V<sub>DC</sub> (between COM port and backplane)

#### Environment

- **Operating Temperature** -10 ~ 60°C (mounted vertically)
- **Storage Temperature** -40 ~ 70°C
- **Relative Humidity** 5 ~ 95% RH (non-condensing)

### Ordering Information

- **APAX-5090** 4-port RS-232/422/485 Virtual COM with APAX Bus

Note: The APAX-5090 can only be used by the APAX-5580 series