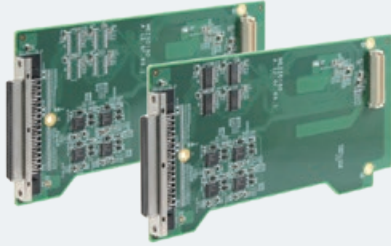


MezIO-C180/MezIO-C181 8-port RS-232/ 422/ 485 MezIO™ Module



Key Features

- 4x RS-232/422/485 multi-mode ports
- 4x RS-232 ports (C180) or 4x RS-422/485 ports (C181)
- Up to 921.6 Kbps baud rate
- BIOS-configurable mode/termination settings
- Supports Windows 7/8/8.1/10
- SCSI-II 68-pin connector

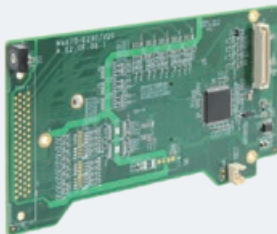
Specifications

| | MezIO-C180 | MezIO-C181 |
|-------------------|--|---------------------------------------|
| # of Port | 4x RS-232/ 422/ 485 4x RS-232 | 4x RS-232/ 422/ 485 4x RS-422/ 485 |
| Baud Rate | 50 bps to 921600 bps | |
| FIFO | 256-byte TX and RX FIFOs | |
| ESD Protection | 15 kV | |
| Interface Signals | RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND RS-422: TxD+, TxD-, RxD+, RxD-, GND RS-485: Data+, Data-, GND | |
| Connector | 68-pin SCSI-II female connector | |
| OS Support | Windows 7/ 8/ 8.1/ 10 and Linux kernel 2.6.32 or later | |

Ordering Information

| Model No. | Product Description |
|-------------------------|---|
| MezIO-C180-50 | 4x RS-232/ 422/ 485 and 4x RS-232 ports MezIO™ module, for Nuvo-5000 series and POC-300 Series |
| MezIO-C180-12 | 4x RS-232/ 422/ 485 and 4x RS-232 ports MezIO™ module, for POC-120 series |
| MezIO-C181-50 | 4x RS-232/ 422/ 485 and 4x RS-422/ 485 ports MezIO™ module, for Nuvo-5000 series and POC-300 Series |
| MezIO-C181-12 | 4x RS-232/ 422/ 485 and 4x RS-422/ 485 ports MezIO™ module, for POC-120 series |
| Cable-S68MD9M-50 | SCSI-68(M) to 8x DB-9(M) cable, 50 cm |

MezIO-V20 16-mode Ignition Power Control MezIO™ Module



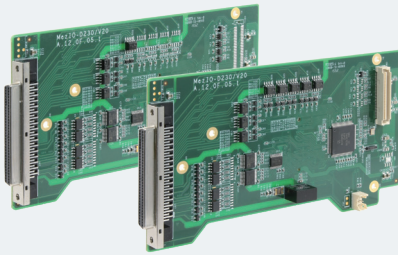
Key Features

- Ignition power control with 16 predefined on/ off delay modes
- Ultra-low 12 mA ignition-off standby power
- Advanced features of ignition control
 - Low-battery protection
 - Guarded power-on/ power-off delay duration
 - System hard-off
 - BIOS POST check
- Supports 12V DC (small vehicle) and 24V DC (bus/ truck) vehicles

Ordering Information

| Model No. | Product Description |
|--|---|
| MezIO-V20 | 16-mode ignition power control and 1x mini-PCIe socket MezIO™ module for in-vehicle usage |
| MezIO-V20-EP (Nuvo-5095GC and Nuvo-5000E/P only) | MezIO™ module with ignition power control function for in-vehicle usage |

MezIO-D230/MezIO-D220 32/ 16-CH Isolated Digital I/O MezIO™ Module



Key Features

- 16-CH isolated DI (D230) or 8-ch isolated DI (D220)
- 16-CH isolated DO (D230) or 8-ch isolated DO (D220)
- 2500 Vrms isolation voltage
- Up to 24V DC operation for DI and DO
- Up to 500 mA sink current on DO channel
- SCSI-II 68-pin connector

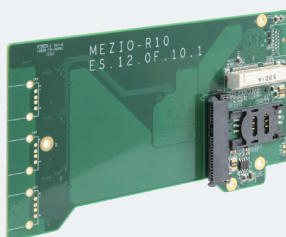
Specifications

| | MezIO-D230 | MezIO-D220 |
|--------------------------------|---|------------|
| Isolated Digital Input | | |
| # of Port | 16 | 8 |
| Logic Level | Logic high: 5 to 24 VDC ; Logic low: 0 to 1.5 VDC | |
| Isolation Voltage | 2500 Vrms | |
| Operation Mode | Polling, COS | |
| Isolated Digital Output | | |
| # of Channel | 16 | 8 |
| Operation Voltage | Up to 24 VDC | |
| Sink Current | 500 mA for each channel (100% duty) | |
| Isolation Voltage | 2500 Vrms | |
| Operation Mode | Polling, COS | |

Ordering Information

| Model No. | Product Description |
|------------------------|--|
| MezIO-D230-50 | 16-CH isolated DI and 16-CH isolated DO MezIO™ module, for Nuvo-5000 series and POC-300 Series |
| MezIO-D230-12 | 16-CH isolated DI and 16-CH isolated DO MezIO™ module, for POC-120 series |
| MezIO-D220-50 | 8-CH isolated DI and 8-CH isolated DO MezIO™ module, for Nuvo-5000 series and POC-300 Series |
| MezIO-D220-12 | 8-CH isolated DI and 8-CH isolated DO MezIO™ module, for POC-120 series |
| Cable-S68MM-100 | SCSI-68(M) to SCSI-68(M) cable, 100 cm |
| TB-10 | Terminal board with 68-pin SCSI-II female connector and 68-pole terminal block |

MezIO-R10 2.5" SATA HDD/ SSD and Mini-PCIe Accommodation MezIO™ Module



Key Features

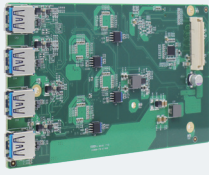
- Accommodates one 2.5" SATA HDD/ SSD
- One full-size mini-PCIe port with SIM socket

Ordering Information

| Model No. | Product Description |
|---|---|
| MezIO-R10 (for POC-120MZ only) | 2.5" SATA HDD/ SSD and mPCIe accommodation MezIO™ module |
| MezIO-R11 (for POC-300 series only) | MezIO™ module with 2.5" SATA HDD/SSD |
| MezIO-R12 (for POC-300 series only) | MezIO™ module with SATA port for 2.5" HDD/ SSD, 4-CH isolated DI and 4-CH isolated DO |

MezIO-U4

4-Port USB3.0 MezIO™ Module



Key Features

- 4 x USB3.0 ports by independent Renesas μPD720202 Host Controllers
- Up to 5 Gbps each port (MezIO-U4-50)
- Support up to 900 mA per port

Specifications

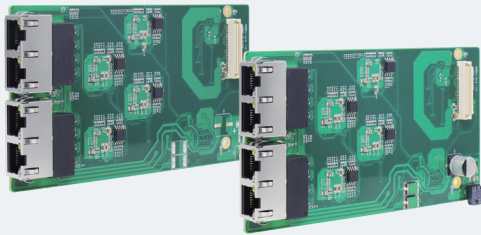
| | MezIO-U4-30 | MezIO-U4-50 |
|----------------------------|--|--|
| USB Ports | 4x USB3.0 ports, compatible with USB 2.0/1.1/1.0 | |
| USB Controller | 2 x Renesas μPD720202 Host Controllers | 4 x Renesas μPD720202 Host Controllers |
| USB Connectors | 4x USB3.0 Type-A connectors | |
| USB Per-Port Current Limit | 900mA | |
| Interface Signals | 5 Gbps shared by two ports | 5 Gbps for each port |

Ordering Information

| Model No. | Product Description |
|-------------|--|
| MezIO-U4-30 | 4-port USB3.0 MezIO™ module for POC-300 series |
| MezIO-U4-50 | 4-port USB3.0 MezIO™ module for Nuvo-5000 series |

MezIO - G4P/ MezIO - G4

4-Port GbE with 802.3at PoE+ MezIO™ Module



Key Features

- 4x gigabit Ethernet ports
- Compliant with 802.3at PoE+ (MezIO-G4P)
- Supporting 9.5 KB jumbo frame

Specifications

| | MezIO - G4P | MezIO - G4 |
|-----------------------|---|------------|
| Gigabit Ethernet Port | 4x GigE ports by 4x Intel® I210 controllers, supporting 9.5 kB jumbo frame | |
| PoE Capability | Compliant with IEEE 802.3at-2009 (PoE+), each port delivers up to 25.5 W of power | - |
| Cable Requirement | CAT-5e or CAT-6 cable, 100 meters maximal | |

Ordering Information

| Model No. | Product Description |
|-------------|---|
| MezIO - G4P | 4-Port GbE with 802.3at PoE+ MezIO™ Module for Nuvo-5000 series |
| MezIO - G4 | 4-Port GbE MezIO™ Module for Nuvo-5000 series |