

MV-GE2200

WX1860 Chip GigE NIC



Introduction

MV-GE2200 GigE NIC is a PCI Express $\times 4$ Ethernet adaptor developed based on WX1860 chip. It has multiple independent RJ45 connectors with single channel speed reaching 1 Gbps. It is applicable to PCIe $\times 4$, PCIe $\times 8$, and PCIe $\times 16$ card slots.

Key Feature

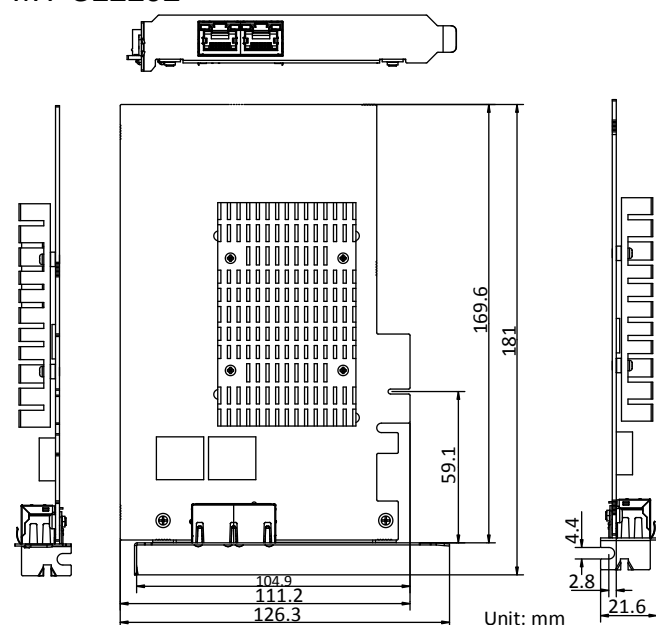
- Supports IEEE 802.3 protocol.
- Adopts multiple independent RJ45 connectors.
- Supports 3U and 4U chassis.

Available Model

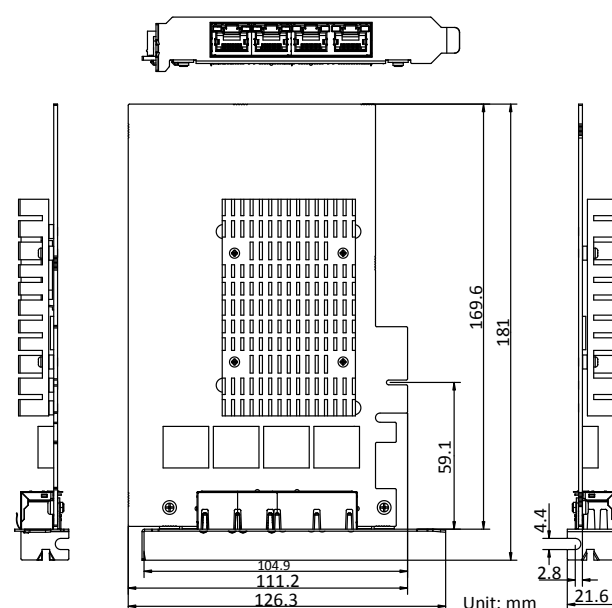
- MV-GE2202 (RJ45 connectors $\times 2$)
- MV-GE2204 (RJ45 connectors $\times 4$)

Dimension

MV-GE2202



MV-GE2204



Specification

| Model | MV-GE2202 | MV-GE2204 |
|---------------------------|---|-----------------|
| Performance | | |
| Main chip | WX1860 chip | |
| Host interface | | |
| Interconnect | PCI-E gen2 × 4 | |
| Delivery bandwidth | 860 MB/s (max. transmission bandwidth) 800 MB/s (sustained transmission bandwidth) | |
| Camera interface | | |
| Standard | IEEE 802.3 | |
| Interface | RJ45 × 2 | RJ45 × 4 |
| Camera type supported | GigE industrial camera | |
| Camera quantity supported | 2 at most | 4 at most |
| Camera connection speed | 10/100/1000 Mbps | |
| Stream | 2 | 4 |
| Processing feature | | |
| Jumbo frame | 9.5 KB | |
| Electrical feature | | |
| Power consumption | Typ. 2 W | Typ. 3 W |
| Mechanical | | |
| Dimension | 181 mm × 126.3 mm × 21.6 mm (7.1" × 5.0" × 0.9") | |
| Weight | 190 g (0.4 lb.) | 201 g (0.4 lb.) |
| Temperature | Working temperature: 0 °C to 60 °C (32 °F to 140 °F) Storage temperature: −30 °C to 70 °C (−22 °F to 158 °F) | |
| Humidity | 10% RH to 95% RH (no condensation) | |
| Cooling mode | Natural cooling | |
| General | | |
| Operating system | Windows 7, 64-bit Windows 10, Linux | |
| Certification | CE, KC | |