

MV-GE2200P

WX1860 Chip GigE PoE NIC



Introduction

MV-GE2200P 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

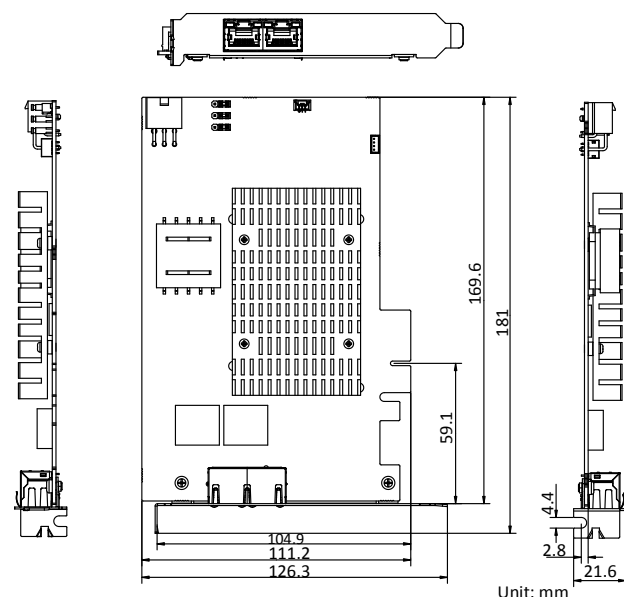
- Supports IEEE 802.3 protocol.
- Adopts multiple independent RJ45 connectors.
- Supports 3U and 4U chassis.
- Supports PoE with each channel providing 15.4 W.

Available Model

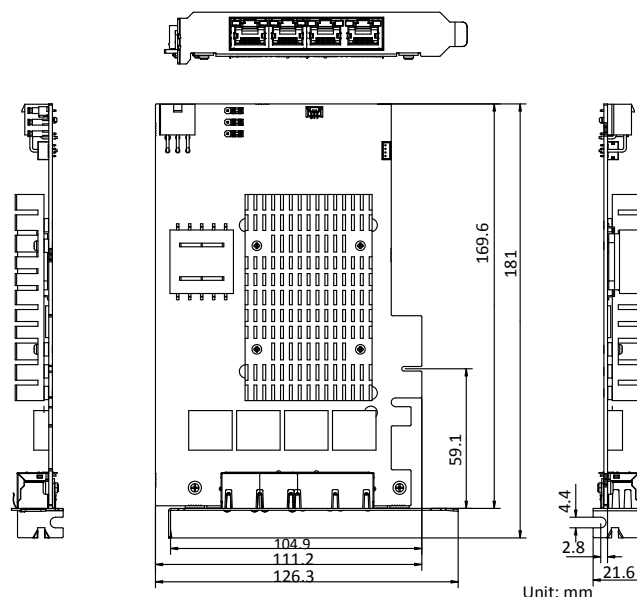
- MV-GE2202P (RJ45 connectors $\times 2$, supports PoE)
- MV-GE2204P (RJ45 connectors $\times 4$, supports PoE)

Dimension

MV-GE2202P



MV-GE2204P



Specification

HIKROBOT

Model	MV-GE2202P	MV-GE2204P
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 (without PoE)	Typ. 3 W (without PoE)
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	64-bit Windows 7/10/11, Linux	
Certification	CE, KC	