

MV-GE2000

GigE NIC



Introduction

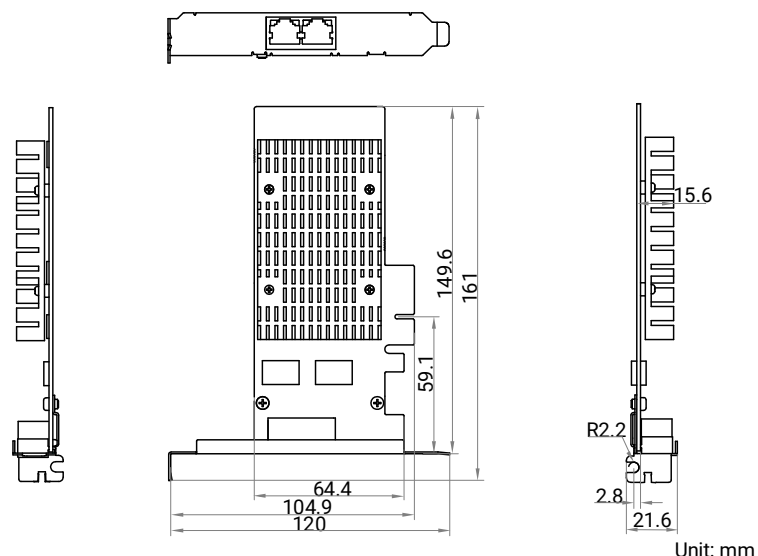
MV-GE2000 GigE NIC is a PCI Express x4 Ethernet adaptor developed based on Intel® chip. It has multiple independent RJ45 connectors and is applicable to PCIe x4, PCIe x8, and PCIe x16 card slots.

Available Model

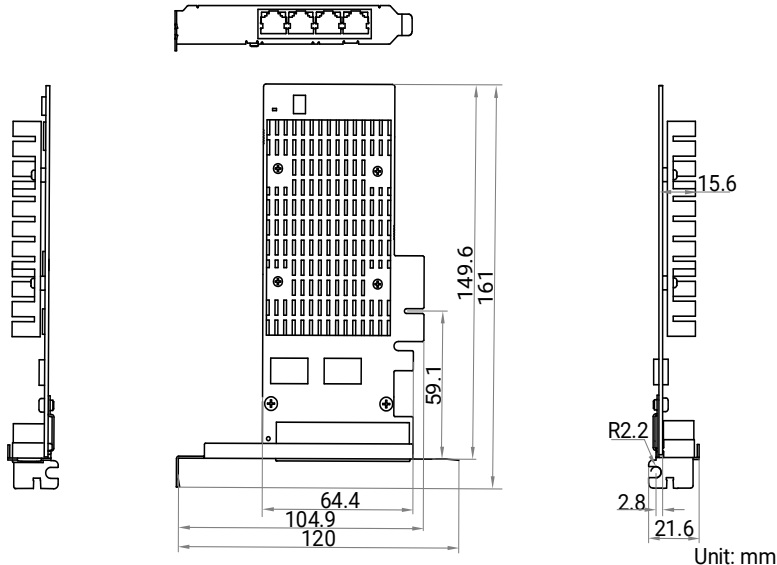
- MV-GE2002
- MV-GE2004

Dimension

MV-GE2002



MV-GE2004



Key Feature

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

Specification

Model	MV-GE2002	MV-GE2004
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 KB	
Electrical feature		
Power consumption	Typ. 4.3 W	Typ. 5.5 W
Mechanical		
Dimension	161 mm × 120 mm × 21.6 mm (6.3" × 4.7" × 0.9")	
Weight	125 g (0.3 lb.)	130 g (0.3 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, cooling fins without fans	
General		
Operating system	Windows 7/10/11, Linux	
Certification	CE, RoHS	