

# MV-GE2000P

## GigE PoE NIC



## Introduction

MV-GE2000P GigE NIC is a PCI Express  $\times 4$  Ethernet adaptor developed based on Intel® chip. It has multiple independent RJ45 connectors and is applicable to PCIe  $\times 4$ , PCIe  $\times 8$ , and PCIe  $\times 16$  card slots.

## Key Feature

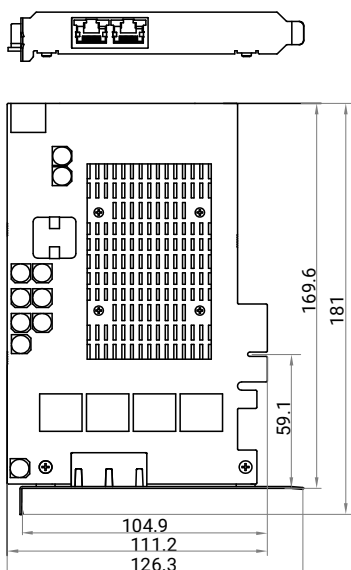
- Supports IEEE 802.3 protocol.
- Adopts multiple independent RJ45 connectors.
- Supports 3U and 4U chassis.

## Available Model

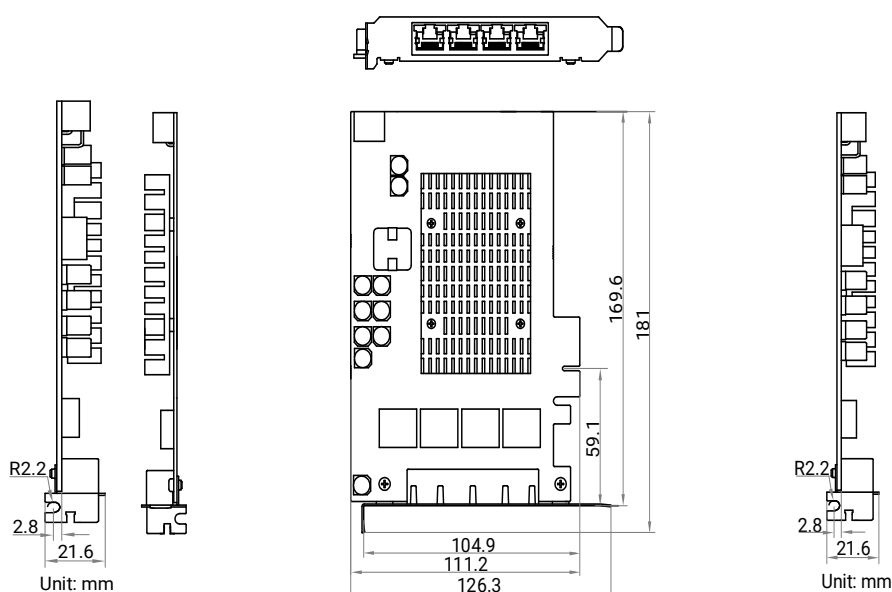
- MV-GE2002P (RJ45 connectors  $\times 2$ , supports PoE)
- MV-GE2004P (RJ45 connectors  $\times 4$ , supports PoE)

## Dimension

MV-GE2002P



MV-GE2004P



Unit: mm

Unit: mm

## Specification

Model	MV-GE2002P	MV-GE2004P
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. 7.5 W (without PoE)	Typ. 9 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: −20 °C to 70 °C (−4 °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, KC	