

# MV-GE4000

## 2.5 GigE NIC



### Introduction

MV-GE4000 2.5 GigE NIC is a PCI-E gen2 × 4 Ethernet adaptor developed based on Intel® chip. It supports up to 4 independent 2.5 GigE RJ45 connectors, enhancing data throughput while improving image acquisition frame rate and line rate. Compatible with PCI-E x4, x8, and x16 slots, it delivers high transmission speed, strong compatibility, and stable performance.

### Key Features

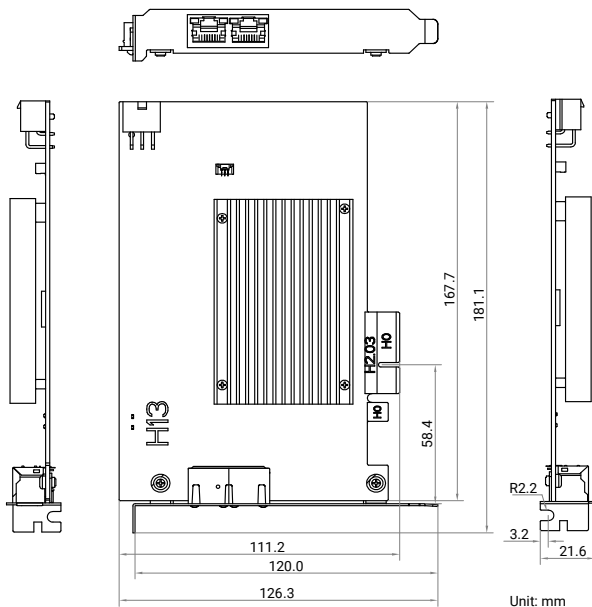
- Supports IEEE 802.3 protocol.
- Supports PCI-E gen2 × 4 bus interface.
- Adopts multiple independent 2.5 GigE ports.
- Supports 10/100/1000/2500 Mbps network adaptation.
- Supports jumbo frames up to 9 KB.
- Supports 3U and 4U chassis.

### Available Model

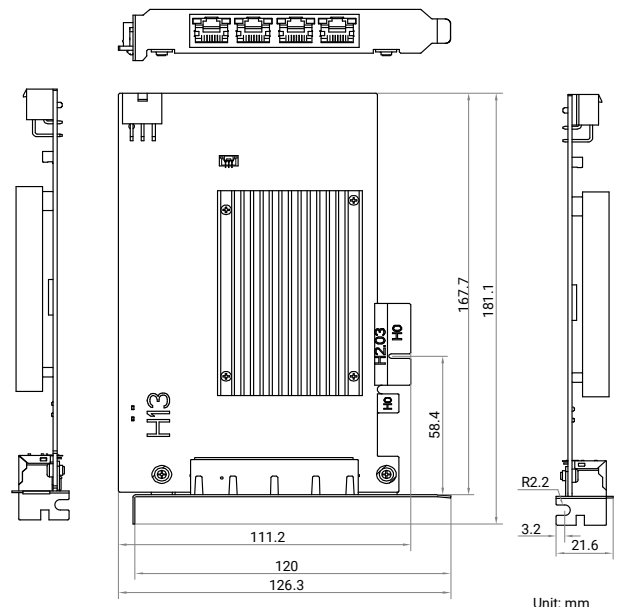
- MV-GE4002
- MV-GE4004

### Dimension

MV-GE4002



MV-GE4004



## Specification

Model	MV-GE4002	MV-GE4004
<b>Host interface</b>		
Interconnect	PCI-E gen2 × 4	
Delivery bandwidth	2000 MB/s (max. transmission bandwidth)	
<b>Camera interface</b>		
Standard	IEEE 802.3	
Interface	RJ45 × 2	RJ45 × 4
Camera type supported	GigE industrial camera, 2.5 GigE industrial camera	
Camera quantity supported	2 at most	4 at most
Camera connection speed	10/100/1000/2500 Mbps	
Stream	2	4
<b>Processing feature</b>		
Jumbo frame	9 KB	
<b>Electrical feature</b>		
Power consumption	4 W	6.3 W
<b>Mechanical</b>		
Dimension	181 mm × 126.3 mm × 21.6 mm (7.1" × 5.0" × 0.9")	
Weight	Approx. 182 g (0.4 lb.)	Approx. 190 g (0.4 lb.)
Temperature	Working temperature: 0 °C to 55 °C (32 °F to 131 °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	
<b>General</b>		
Operating system	Windows 7/10/11, Ubuntu18.04 to 24.04 on 64-bit Linux	
Certification	CE, RoHS, KC	