

MV-GT2000

10 GigE Frame Grabber



Introduction

MV-GT2000 10 GigE frame grabber is a PCI Express x4 Ethernet adaptor. It has two independent RJ45 connectors at most. It is applicable to PCIe x4, PCIe x8, and PCIe x16 card slots.

Available Model

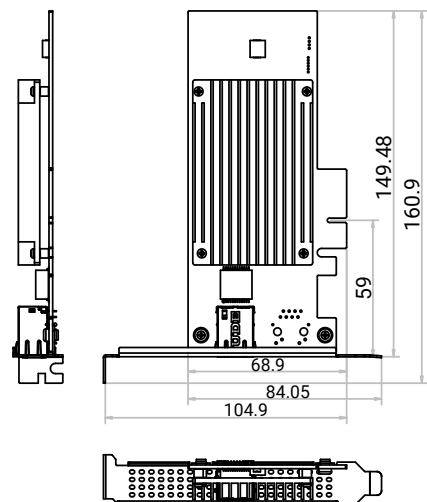
- RJ45 connector × 1: MV-GT2001
- RJ45 connector × 2: MV-GT2002

Key Feature

- Max. 10 Gbps data transfer speed of single RJ45 connector.
- Supports IEEE 802.3 protocol.
- Adopts two independent RJ45 connectors at most.
- Supports 3U and 4U chassis.

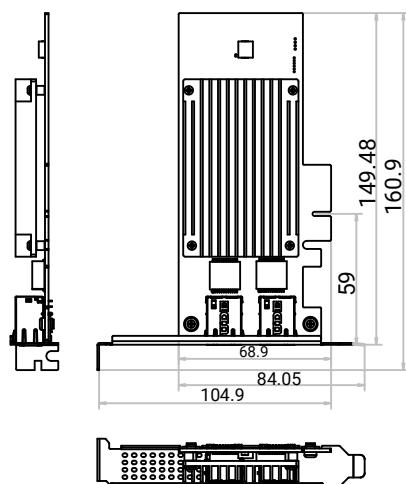
Dimension

MV-GT2001



Unit: mm

MV-GT2002



Unit: mm

Specification

Model	MV-GT2001	MV-GT2002
Host interface		
Interconnect	PCI-E gen3 × 4	
Delivery bandwidth	31.5 Gbps (max. transmission bandwidth) 20 Gbps (sustained transmission bandwidth)	
Camera interface		
Standard	IEEE 802.3	
Interface	RJ45 × 1	RJ45 × 2
Camera type supported	10 GigE industrial camera	
Camera quantity supported	1 at most	2 at most
Camera connection speed	1000 Mbps / 10000 Mbps	
Stream	1	2
Processing feature		
Jumbo frame	9.7 KB	
Electrical feature		
Power consumption	Typ. 7 W	Typ. 12 W
Mechanical		
Dimension	160.9 mm × 104.9 mm × 21.6 mm (6.3" × 4.1" × 0.9")	
Weight	121 g (0.3 lb.)	125 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	
General		
Operating system	64-bit Windows 7/10/11, Linux	
Certification	RoHS, CE, KC	