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DATASHEET GRAB-D-PCIe1-GIGE-1X1X

Industrial GigE PCIe Adapter single Channel.



Highlights

- Single Port 1G Copper RJ-45 PCIe
- PCIe v2.0 x1 (2.5GT/s)
- 10/100/1000 Mbps
- Low Profile & Full Height

Introduction

For PCs with PCI Express (PCIe*) slots, the GRAB-D-PCIe1-GIGE-1X1X Desktop Adapter offers the newest technology for maximizing system performance and increasing end-user productivity. Specifically, the GRAB-D-PCIe1-GIGE-1X1X uses auto-negotiation to ensure the adapter runs at the highest available network speed (10, 100, or 1000 Mbps), and it maintains full bandwidth capacity with the dedicated bandwidth of a PCI Express input/output (I/O) bus to provide connectivity you can count on. This desktop adapter offers optimal performance in a low-cost, low-power, compact profile. Teaming support and an array of other advanced features enable customers to utilize this adapter as an entry-level server adapter as well.

Technical Specifications

Ports and Interfaces	<ul style="list-style-type: none">• Ethernet LAN (RJ-45)• PCI Express
Power Consumption	<ul style="list-style-type: none">• 1.9W
Data Transfer Rate	<ul style="list-style-type: none">• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)• Gigabit: 2000Mbps (full duplex)
Operating Temperature	<ul style="list-style-type: none">• 0-55°C
Performance	<ul style="list-style-type: none">• 1000 Mbit/s @ max 100m cable length
Dimensions	<ul style="list-style-type: none">• 120 x 55.3 x 119.2 mm
PoE	<ul style="list-style-type: none">• 802.3at: Up to 30W per port• PoE budget: 120W@56V DC• PoE Mode A: Pins 1, 2, 3, and 6 for power
Certifications	<ul style="list-style-type: none">• FCC• B• UL• CE

Mechanical drawing