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DATASHEET GRAB-D-PCIe4-GIGE-2X2X

Dual-port gigabit Ethernet PCIe adapter.



Highlights

- Innovative power management features including Energy Efficient Ethernet (EEE), DMA Coalescing, for increased efficiency and reduced power consumption
- Flexible I/O virtualization for port partitioning and quality of service (QoS) of up to 32 virtual ports
- Scalable iSCSI performance delivering cost-effective SAN connectivity
- High-performing bridgeless design supporting PCI Express (PCIe) 2.1 5GT/s

Introduction

The GRAB-D-PCIe4-GIGE-2X2X delivers performance through industry leading enhancements for both virtualized and iSCSI networking environments.

A suite of hardware assists improves overall system performance by lowering the I/O overhead in virtualized environments. iSCSI simplifies SAN connectivity by eliminating the need for SAN-specific adapters or switches.

This adapter also includes power management technologies such as Energy Efficient Ethernet (EEE) and DMA Coalescing (DMAC). With advanced Power Management Technologies, customers can configure power options on the adapter and more effectively manage their power consumption.

Technical Specifications

Standards	<ul style="list-style-type: none">• EEE 802.3 (10BASE-T, 100BASE-TX, 1000BASE-T)
Cabling	<ul style="list-style-type: none">• CAT3 or higher for 10BASE-T operation• CAT5 or higher for 100BASE-TX operation• CAT5e or higher for 1000BASE-T operation
Data rate per	<ul style="list-style-type: none">• 10/100/1000 Mbps

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port	
Bus Type	<ul style="list-style-type: none"> • PCIe 2.1 (5GT/s)
Bus Width	<ul style="list-style-type: none"> • 2-lane PCIe
Certifications	<ul style="list-style-type: none"> • FCC B, UL CE, VCCI, BSMI, CTICK, KCC
Power consumption	<ul style="list-style-type: none"> • 4.4 W
Terminal Block	<ul style="list-style-type: none"> • Redundant power inputs, 4-pin • Wire range: 0.34mm² to 2.5mm² • Solid wire (AWG): 12-24/14-22 • Stranded wire (AWG): 12-24/14-22 • Torque: 5 lb. – In / 0.5Nm / 0.56Nm • Wire strip length: 7-8mm
Operating temperature	<ul style="list-style-type: none"> • 0 °C to 55 °C (32 °F to 131°F)
Connection speed LED indicators	<ul style="list-style-type: none"> • Not illuminated = 10Mb/s • green = 100Mb/s • amber = 1Gb/s
Dimensions	<ul style="list-style-type: none"> • 13.54 x 12 (7.92) x 9.89 cm

Mechanical drawing

Not available