

Product Highlights

High Data Rates

Data rates of up to 2 Gbps in full-duplex mode.

The Benefits of PCI Express

Increased bandwidth and connection reliability in comparison with standard PCI network cards.

802.3x Flow Control

Flow Control support allows to minimize the loss of packets.



DGE-560T PCI Express Gigabit Ethernet Network Adapter

Features

- One 10/100/1000Base-T port
- PCI Express x1 installation slot
- Data rates of up to 2 Gbps in full-duplex mode
- 802.3x Flow Control
- 802.1Q VLAN Tagging

The high performance DGE-560T PCI Express Gigabit Ethernet Network Adapter offers increased bandwidth and connection reliability than standard PCI network cards. This adapter supports data rates of up to 2 Gbps in full-duplex mode, eliminating the bottleneck that exists in 32-bit and 64-bit PCI bus architectures.

802.1Q VLAN Tagging

The DGE-560T supports the onboard screening of 802.1Q VLAN Tagged Ethernet frames, allowing to create several subnets for each server and isolate devices within each VLAN from the other part of a network for security enhancement and traffic management.

Technical Specifications	
Hardware	
Chipset	<ul style="list-style-type: none"> • RTL8111H
Interfaces	<ul style="list-style-type: none"> • One 10/100/1000Base-T port with RJ-45
Installation Slot	<ul style="list-style-type: none"> • PCI Express x1
LEDs	<ul style="list-style-type: none"> • 10/100/1000 (Link/Activity)
Network Cables	<ul style="list-style-type: none"> • Ethernet: UTP cat. 3 or above (100 m max.) • Fast Ethernet/Gigabit Ethernet: UTP cat. 5 (100 m max.)
Functionality	
Standards and Functions	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • 802.3x Flow Control • Auto MDI/MDIX adjustment • 802.1Q VLAN Tagging
Duplex Mode	<ul style="list-style-type: none"> • Full/Half-duplex for 10/100 Mbps • Full-duplex for 1000 Mbps
Protocol	<ul style="list-style-type: none"> • CSMA/CD
OS Support	<ul style="list-style-type: none"> • Microsoft Windows 10 (32/64), 8/8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64), 2000 • Microsoft Windows Server 2012, 2008 R2, 2003 (32/64) • Mac OS 10.x • Linux 2.4.x and later
Physical Parameters	
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 75 x 20 x 120 mm
Bar Height	<ul style="list-style-type: none"> • 120 mm
Environmental Conditions	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C • Storage: -20 to 70 °C
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing • Storage: 5% to 90% non-condensing
Order Information	
<i>Part Number</i>	<i>Description</i>
DGE-560T	PCI Express Gigabit Ethernet Network Adapter (20 in 1 Beehive)