

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