

## Product Highlights

### High Data Rates

Data rates of up to 2.5 Gbps.

### 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-562T PCI Express 2.5G Ethernet Network Adapter

### Features

- One 100/1000/2.5GBase-T port
- PCI Express x1 installation slot
- Data rates of up to 2.5 Gbps
- 802.3x Flow Control
- Wake-on-LAN
- 802.1Q VLAN Tagging
- 802.1p Priority Encoding
- IEEE 802.3az Energy-Efficient Ethernet

The high performance DGE-562T PCI Express 2.5 Gigabit Ethernet Network Adapter offers increased bandwidth and connection reliability than standard PCI network cards. This adapter supports IEEE 802.3bz 2.5GBase-T standard and provides data rates of up to 2.5 Gbps.

### Advanced Features

The DGE-562T supports Wake-on-LAN (WOL), an Advanced Configuration Power Interface (ACPI) function, allowing a powered off computer to be powered on from a remote station. This function allows the administrator to send wake-up signals to a computer. The DGE-562T 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. The DGE-562T also supports 802.1p Priority Encoding.

### Power Saving

The DGE-562T supports power saving mode in your network. This adapter is compliant with IEEE 802.3az Energy-Efficient Ethernet and reduces the power consumption when network utilization is low.

Technical Specifications	
<b>Hardware</b>	
Chipset	• RTL8125
Interfaces	• One 100/1000/2.5GBase-T port with RJ-45
Installation Slot	• PCI Express x1
LEDs	• Link/Activity • Speed
Network Cables	• Ethernet: UTP cat. 3 or above (100 m max.) • Fast Ethernet/Gigabit Ethernet/2.5 Gigabit Ethernet: UTP cat. 5 or above (100 m max.)
<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>• IEEE 802.3bz 2.5GBase-T</li> <li>• IEEE 802.3az Energy-Efficient Ethernet</li> <li>• 802.3x Flow Control in full-duplex mode</li> <li>• Auto MDI/MDIX adjustment</li> <li>• PCI Express 2.1 compliant</li> <li>• Advanced Configuration Power Interface (ACPI)</li> <li>• Wake-on-LAN and "RealWoW!"</li> <li>• 9,8 KB Jumbo Frame</li> <li>• 802.1p Priority Encoding</li> <li>• 802.1Q VLAN Tagging</li> </ul>
OS Support	<ul style="list-style-type: none"> <li>• Microsoft Windows 10 (32/64), 8/8.1 (32/64), 7 (32/64)</li> <li>• Microsoft Windows Server 2012, 2008</li> <li>• Linux up to 4.15</li> </ul>
<b>Physical Parameters</b>	
Dimensions (L x W x H)	• 71.5 x 50 x 1.6 mm
<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-562T	PCI Express 2.5G Ethernet Network Adapter