



Gigabit Ethernet PCI Express Network Card 2.5G (4-Speed)



Quick Installation Guide

DN-10135 Rev.2

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1. Introduction

This PCIe Gigabit Network Card from DIGITUS® offers you the highest performance for network applications that achieve high data rates with your 10/100/1000/2500 BASE-T ethernet controller. This is ideal for streaming applications with high resolution. Via LAN interfaces (RJ45), it supports the IEEE802.3u specification for fast ethernet and the IEEE802.3ab specification for gigabit ethernet with up to 2.5 Gbps. IEEE802.3x full-duplex flow control is also supported, as well as Wake-on-LAN. The card can be used for slots at full installation height, a low-profile slot bracket is also provided in the scope of delivery for use at half installation height.

2. Features

- Gigabit data transmission with up to 2500 Mbps (2.5G)
- Supported network standards: IEEE802.3, IEEE802.3u & IEEE802.3ab
- Ideal for streaming and gaming applications with high data rates
- Supports IEEE802.3x full-duplex flow control
- Supports IEEE802.1q VLAN tagging
- Supports Wake-on-LAN
- Additional low-profile slot bracket for use in narrow housings

3. Package contents

- 1 x Gigabit Ethernet PCI Express Network Card 2.5G
- 1 x Low-profile slot bracket
- 1 x QIG
- 1 x CD

4. Specification

Connection	1 x Gigabit LAN (RJ45)
Supports	Supports 10/100/1000/2500 Mbps networks with automatic recognition
	Supports IEEE802.3x full-duplex flow control
	Supports auto MDI/MDIX crossover
	Supports Wake-on-LAN (WOL)
Supports IEEE802.1q VLAN tagging	
Chipset	Realtek RTL8125B - 2500Base-T Ethernet Controller
Compatibility	Compatible with PCI Express Specification 2.1
	Conforms with IEEE802.3, IEEE802.3u & IEEE802.3ab specification
LED operating display	Active / data traffic / 2.5G data traffic
Operating systems	Windows 7/8/10/11 (32/64Bit), Windows Server 2008 R2/2012 R2/2016, Linux 4 and higher
Operating temperature	5 °C to +70 °C
Operating humidity	0% - 95%
Dimensions (WxDxH)	12 x 7 x 2 cm
Weight	39 g

5. System Requirements

- Linux Kernel 2.4.20 and later, Win7/ Win8/ Server2008/ Win8.1/ Server2012/ Win10/Win11
- One available PCI Express x1/x4/x8/x16 slot

6. Hardware Description

LED Indicators

The following table provides descriptions of the LED status and their meaning.

LED	Color	Status	Description
2500M Link	Green	Blink	One port blinking and one port light on when working at 2.5G speed
		ON	
1000M Link	Green	OFF	One port light off and one port light on when working at 1G speed
		ON	
100M Link	Green	OFF	One port light off and one port light on when working at 100M speed
		ON	
10M Link	Green	OFF	Two ports light off when working at 10M speed
		OFF	

7. Installation

Hardware installation

1. Turn off the computer and unplug the power cord
2. Remove the computer cover and the adapter slot cover from the slot that matches your adapter
3. Insert the adapter edge connector into the slot and secure the bracket to the chassis
4. Replace the computer cover, then plug in the power cord
5. Power on the computer

Install Drivers and software

Windows® Operating Systems

1. Please insert the CD driver bound into your CD-ROM Drive.
2. Double-click to open the CD-ROM drive and find the driver corresponding to the system.

- **For Windows® Win7, Server 2008 R2(32/64 bit)**

CD Path “RTL8125\Windows\Win7_Server2008 R2\Install_Win7_7142_12222021.exe”, Double click it.

- **For Windows® Win8, Win8.1 Server2012(32/64 bit)**

CD Path

“RTL8125\Windows\Win8_8.1_Server2012\Install_Win8_8.1_8088_12222021.exe”, Double click it.

- **For Windows® Win10 (32/64 bit)**

CD Path

“RTL8125\Windows\Win10\Install_Win10_10056_03222022.exe”,
Double click it.

- **For Windows® Win11 (32/64 bit)**

CD Path

“RTL8125\Windows\Win11\Install_PCIE_Win11_11.6.0215.2022_03
222022.exe”

Follow the on-screen instructions to complete the installation.

Assmann Electronic GmbH hereby declares that the printed declaration of conformity is enclosed with the product. If the declaration of conformity is missing, it can be requested by post from the manufacturer's address given below.

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