1-Port 5G Gigabit PCIe Network Adapter Card, 5G/2.5G/1G/100M/10M PCI Express LAN Card, Realtek RTL8126, Windows and Linux, TAA Compliant

**Product ID:** PR15GR-NETWORK-CARD

This TAA-compliant 5G Gigabit Ethernet card with Realtek RTL8126 chip adds a gigabit Ethernet interface to a desktop or server. 2.5G and 5G speeds maximize Cat5e infrastructure, providing multi-Gig performance without cabling upgrades.

This 1-port network interface card is plug-and-play compatible, with drivers that auto-install on major operating systems such as Windows, Windows Server, and Linux. It is compatible with Intel and AMD hardware platforms equipped with PCI Express x1, x2, x4, x8, or x16 slots.

This network card features link speed and activity LED indicators for visual network speed verification and issue diagnosis.

This PCIe network adapter supports 9K jumbo frames to minimize packet overhead, Wake-on-LAN (WoL) for remote system booting, auto-negotiation between 10/100M/2.5G/5G, and VLANs for streamlined network management. This network card supports virtually any environment, accommodating both the latest and slower legacy network connections. Futureproof your devices by ensuring your system is ready as more devices become 5G compatible.

The PCI Express NIC includes full-height (pre-installed) and low-profile (accessory in the box) brackets for installation in compact and standard desktops or servers.

## Certifications, Reports and Compatibility

## Applications

## Features

• TAA-COMPLIANT MULTI-GIGABIT ETHERNET CARD: Add a high-speed Ethernet port to a desktop/server with this Network Card featuring a Realtek RTL8126 chip; 2.5G/5G speeds maximize Cat5e infrastructure, providing multi-Gig performance without cabling upgrades

• PLUG AND PLAY INSTALLATION: Network Interface Card auto-installs drivers in most major OS, including Windows 10/11; Linux Ubuntu 20.04/above and WinServer 22/19; Compatible with Intel and AMD systems via PCI Express x1, x2, x4, x8, or x16 slot

• HIGH-SPEED AND EFFICIENT: PCIe Network Adapter Card supports auto-negotiation between 5G/2.5G/1G/100M/10M; Futureproof your devices by ensuring your system is ready as more devices become 5G compatible; 9K jumbo frames, VLAN tagging and Wake-on-LAN (WoL)

• UNIVERSAL FIT: PCI Express NIC includes both full-height (pre-installed) and low-profile (accessory in the box) brackets for installation in compact and standard desktops or servers; Supports PCI Express 3.1

• THE IT PRO'S CHOICE: Designed and built for IT Professionals, this 1-port low-profile network card is backed for 2-years, including free lifetime 24/5 multi-lingual technical assistance

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**Hardware**

| | |
|---|---|
| Warranty | 2 Years |
| Ports | 1 |
| Bus Type | PCI Express |
| Card Type | Standard Profile (LP bracket incl.) |
| Port Style | Integrated on Card |
| Industry Standards | IEEE 802.3 |
| | IEEE 802.3u |
| | IEEE 802.3x |
| | IEEE 802.3ab |
| | IEEE 802.3u |

| | | |
|---|---|---|
| | | IEEE 802.3az |
| | | IEEE 802.3bz |
| | | IEEE 802.1Qav |
| | | IEEE 802.1P |
| | | IEEE 802.1Q |
| | | IEEE 802.1ad |
| | Chipset ID | Realtek - RTL8126 |

**Performance**

| | | |
|---|---|---|
| | Wake On Lan | Yes |
| | Maximum Data Transfer Rate | 5 Gbps |
| | Auto MDIX | Yes |
| | PXE | Yes |
| | Jumbo Frame Support | 9K max. |
| | Promiscuous Mode | Yes |

**Connector(s)**

| | | |
|---|---|---|
| | External Ports | 1 - RJ-45 |
| | Host Connectors | 1 - PCI Express x1 |

**Software**

| | | |
|---|---|---|
| | OS Compatibility | Windows 10, 11 |
| | | Windows Server 2019, 2022 |
| | | Linux Ubuntu 20.04 and up |

**Indicators**

| | | |
|---|---|---|
| | LED Indicators | 1 - Left LED Indicator is Link Speed |
| | | Solid Green = Highest Link Speed (ex. 5Gbps) |
| | | Solid Amber = Lower Link Speeds (ex. 2500/1000/100/10Mbps) |
| | | 1 - Right LED Indicator is Link Status |
| | | Solid Green = Network port is connected |

**Power**

| | | |
|---|---|---|
| | Power Source | Bus Powered |

**Environmental**

| | | |
|---|---|---|
| | Operating Temperature | 5C to 65C (41F to 149F) |
| | Storage Temperature | -30C to 90C (-22F to 194F) |
| | Humidity | 10% ~ 80% (non-condensing) |

**Physical Characteristics**

| | | |
|---|---|---|
| | Color | Black |
| | Product Length | 2.8 in [7.2 cm] |
| | Product Width | 4.7 in [12.0 cm] |
| | Product Height | 0.7 in [1.8 cm] |
| | Weight of Product | 1.4 oz [40.5 g] |

**Packaging Information**

| | | |
|---|---|---|
| | Package Length | 6.7 in [17.0 cm] |
| | Package Width | 5.6 in [14.2 cm] |
| | Package Height | 1.2 in [3.0 cm] |
| | Shipping (Package) Weight | 3.7 oz [103.9 g] |

**What's in the Box**

| | | |
|---|---|---|
| | Included in Package | 1 - PCIe Card |
| | | 1 - Low Profile Bracket |
| | | 1 - Quick-Start Guide |

*\*Product appearance and specifications are subject to change without notice.*