

# 1-Port PCIe Gigabit Ethernet Network Card

Product ID: EP-9602



The EP-9602 PCIe Gigabit Ethernet Network Card adds a 10/100/1000 Mbps compatible RJ45 Ethernet port to a PCI Express-enabled client, server or workstation.

Compliant with IEEE 802.3u/ab standards, and with support for 9K Jumbo Frames, VLAN tagging and WOL. Plus, this card includes both full profile and low profile/half-height installation brackets for installation in wide range computer/server chassis, regardless of form factor.

## **Applications**

- Upgrade 10/100 Ethernet capability to Gigabit capability
- Add an Ethernet port to a workstation or server computer, for redundancy or bridging
- Add networking capabilities to an old system with no Ethernet port

## **Features**

- A single 10/100/1000Mbps compatible RJ45 Ethernet port
- Link and Activity LED indicator
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3x and IEEE 802.3ab standards
- Supports IEEE 802.1Q VLAN tagging, IEEE 802.1P Layer 2 Priority Encoding and IEEE 802.3x Full Duplex Flow Control
- 9KB Jumbo Frame support
- Full and half duplex support
- Supports Wake-On-LAN function
- PXE network boot support
- Crossover Detection & Auto-Correction (Auto MDI/MDI-X)

<b>Hardware</b>	Bus Type	PCI Express
	Card Type	Standard/Low Profile
	Chipset ID	Realtek
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
		IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3x Flow Control, 802.1q VLAN Tagging, 802.1p Layer 2 Priority Encoding
	Interface	RJ45 (Gigabit Ethernet)
	Port Style	Integrated on Card
<b>Performance</b>	Ports	1
	Auto MDIX	Yes
	Auto-Negotiation	Yes
	Compatible Networks	10/100/1000 Mbps
	Flow Control	Full duplex flow control
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
<b>Connector(s)</b>	Maximum Data Transfer Rate	2 Gbps (Ethernet; Full-Duplex)
	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	1 - RJ-45 Female
<b>Software</b>	OS Compatibility	Windows® 7, 8.x, 10 Windows Server® 2008 R2, 2012, 2016, 2019; Linux 2.6.31 to 4.11.x <i>LTS Versions only</i>

<b>Special Notes / Requirements</b>	System and Cable Requirements	PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16)
<b>Indicators</b>	LED Indicators	1 – Activity (Green) 1 – Link(Green)
<b>Environmental</b>	Humidity	20~80% RH
	Operating Temperature	5°C to 50°C (41°F to 122°F)
	Storage Temperature	-25°C to 70°C (-13°F to 158°F)
<b>Physical Characteristics</b>	Product Height	120 mm
	Product Length	80 mm
	Product Width	22 mm
	Product Weight	34 g
<b>What's in the Box</b>	Included in Package	1 – Gigabit Ethernet PCI Express Card

Product appearance and specifications are subject to change without notice.