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Data Sheet

1 Port PCI Express 10/100 Ethernet Network Interface Adapter Card

Product ID: PEX100S



This PCI Express based 10/100 Ethernet Card provides a simple way to connect a PCIe enabled server or workstation to a 10/100 Ethernet network and offers a broad range of features and functions, including support for both Full and Half Duplex operation as well as Wake On LAN (WOL) Power Management.

The PEX100S Ethernet Card includes both standard and low profile brackets and is compatible with most mATX (Slimline) and ATX system form factors, and features Auto MDI/MDIX automatic configuration, which helps to simplify installation and configuration.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Replacement Ethernet card for a home or office desktop computer
- Adding Ethernet network connectivity for broadband Internet access to an old desktop computer
- Adding a second or redundant network connection for a workstation or server

Features

- Single 10/100Mbps RJ45 Ethernet port
- Compliant with IEEE802.3 CSMA/CD, 802.3 10Base-T and 100Base-TX standards
- Crossover Detection & Auto-Correction (Auto-MDIX)
- Full and Half duplex mode support
- Link speed and duplex mode auto-negotiation
- Link/Activity and 10/100Mbps LED indicators
- Supports Wake-on-LAN
- Full/Low Profile installation brackets included

	Warranty	Lifetime
Hardware	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Realtek - RTL8101E
	Interface	RJ45 (10/100 Ethernet)
	Ports	1
Performance	Compatible Networks	10/100 Mbps
	Maximum Data Transfer Rate	100 Mbps
Connector(s)	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	1 - RJ-45 Female
Software	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2016 Linux 2.6.x to 4.11.x *LTS Versions Only*
Indicators	LED Indicators	1 - Link Status
Physical Characteristics	Product Height	0.8 in [21 mm]
	Product Length	3.6 in [92.5 mm]
	Product Weight	1.1 oz [32 g]
	Product Width	4.7 in [120 mm]
Packaging Information	Shipping (Package) Weight	4.4 oz [124 g]
What's in the Box	Included in Package	1 - 10/100 PCI-Express Ethernet Card
		1 - Low Profile Bracket
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.