



Model: PE25

2.5Gbps

PCI Express
Network Adapter



1.Description

The Realtek RTL8125-CG 10/100/1000M/2.5G Ethernet controller combines a four-speed IEEE 802.3 compatible Media Access Controller (MAC) with a four-speed Ethernet transceiver, PCI Express bus controller, and embedded memory. With state-of-the-art DSP technology and mixed-mode signal technology, the RTL8125 offers high-speed transmission over CAT 5e UTP cable or CAT 3 UTP (10Mbps only) cable. Functions such as Cross-over Detection and Auto-Correction, polarity correction, adaptive equalization, cross-talk cancellation, echo cancellation, timing recovery, and error correction are implemented to provide robust transmission and reception capability at high speeds.

2. Features

1. Up to 2.5Gbps Speed
2. Wake on LAN
3. Flow Control

3. Specification

Model	WE3500
Chipset	RTL8125
Standards	IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3az、IEEE 802.3bz
Network media	10Base-T,cat3 or above UTP,1000Base-Tx, cat5 or above UTP
Data rate	10/100/1G/2.5Gbps
Interface	PCI Express 1x slot
Auto MDIX	YES
Full Duplex Support	YES
MTBF	376,212 Hours
LED Indicator	Link/Act, Speed
Dimension	71.5*50*1.6mm
Port number	1* RJ45
Support OS	Windows®10(32/64), Win7 (32/64), Win8,8.1 (32/64) Windows Server® 2012, 2008
Environment	Operating Temperature: -10 °C-60 °C
	Relative Humidity: 10%-90%(non-condensing)
	Storage Temperature: -20°C-70°C
	Relative Humidity: 5%-90%(non-condensing)