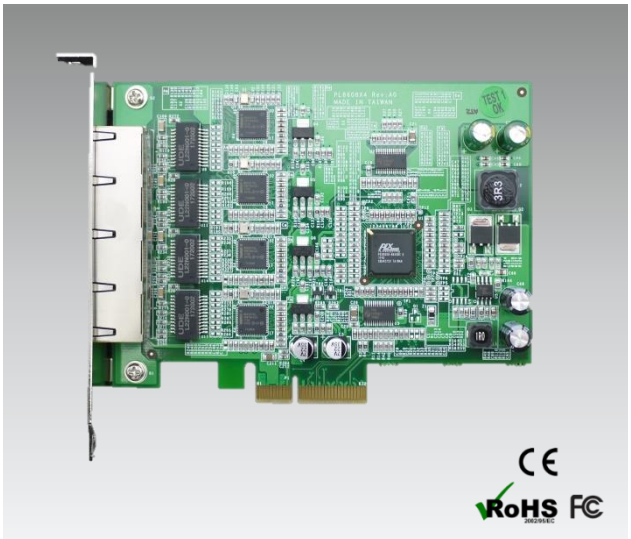
PL8608X4

4 PORT 10/100/1000MBPS RJ45 COPPER NETWORK CARD



Main Features

- Quad Port PCIe network adapter card with Intel 82574L Chipset
- High-performance, low-cost, PCI Express* 10/100/1000 Ethernet Connection
- PCI Express x4 Gen2 (5GT/s)
- Support Wake-on-Lan and PXE network boot
- Support for hardware-based time stamping of IEEE 1588 and 802.1as packets enabling high precision time synchronization over Ethernet

Product Overview

Cadmus's PL8608X4 - PCI Express Gigabit Ethernet provide a pathway from legacy PCI/PCIx designs to higher performing PCIe-based designs. The Intel 82574L Gigabit Ethernet Controllers provide fully integrated Gigabit Ethernet Media Access Control (MAC) and Physical-Layer (PHY) capabilities that can be configured for either 1000 Mb/s or 10/100 Mb/s modes of operation.

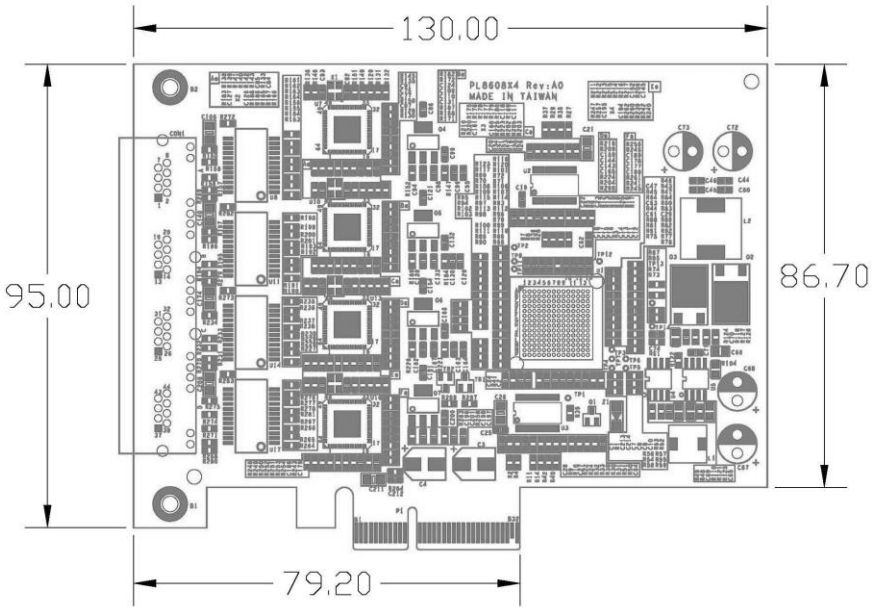
Optional PCIe extensions are also supported in the Controllers to enhance platform capabilities for specific usage modes. Each Controller provides MDI (Copper) standard IEEE 802.3 Ethernet interface for 1000BASE-T, 100BASE-TX, and 10BASE-T applications (802.3, 802.3u, and 802.3ab).

The PL8608X4 also enables a quick migration from custom interconnects to Ethernet.

Specifications

Chipset	Intel 82574L Gigabit Controller
Bus Interface	PCI-Express x4 (x8 x16 PCI Express slots)
Whole Duplex	Full Duplex Flow Control
Network Interface Type	RJ-45 Copper *4
Transmission Speed	10/100/1000Mbps
Transmission Medium Type	100, 1000Mbps
Network Standard	IEEE802.3 (10BASE-T, 100BASE-T, 1000BASE-T)
Module	10/100/1000BASE-T
Compatible Operating System	Windows XP / 7 / 8 / 8.1 / 10
	Windows Server 2003 / 2008 R2 / 2012 R2 / 2016 / 2019
	Linux (latest ver. 25) or check Intel official website
	More about driver support: https://ark.intel.com/content/www/us/en/ark/products/32209/intel-82574l-gigabit-ethernet-controller.html?wapkw=(S)
Working Temperature	0°C-85°C

Dimension



Ordering Information

PL8608X4

- PCIex4 Gen 2
- 4 ports RJ45 with Intel 82574L Controller
- Support Wake-on-Lan

We reserve the right to change specifications and product descriptions at any time without prior notice.