

PXE225Q-IT

4 PORT 10/100/1000/2500 MBPS RJ45 COPPER NETWORK CARD



Main Features

- Quad Port PCI Express x4 Gen2 network adapter card with Intel I225-IT chipset
- Support Wake-on-Lan and PXE network boot
- Compliant with EN61000-4-2, Air -15kv, Contact-10kv (ESD)
- Support Audio-Video Bridging (AVB) and 802.1Qav
- High-performance, PCI Express* 10/100/1000 Ethernet Connection
- Support for hardware-based time stamping of IEEE 1588 and 802.1as packets enabling high precision time synchronization over Ethernet
- Working Temperature -40°C ~ 70°C

Product Overview

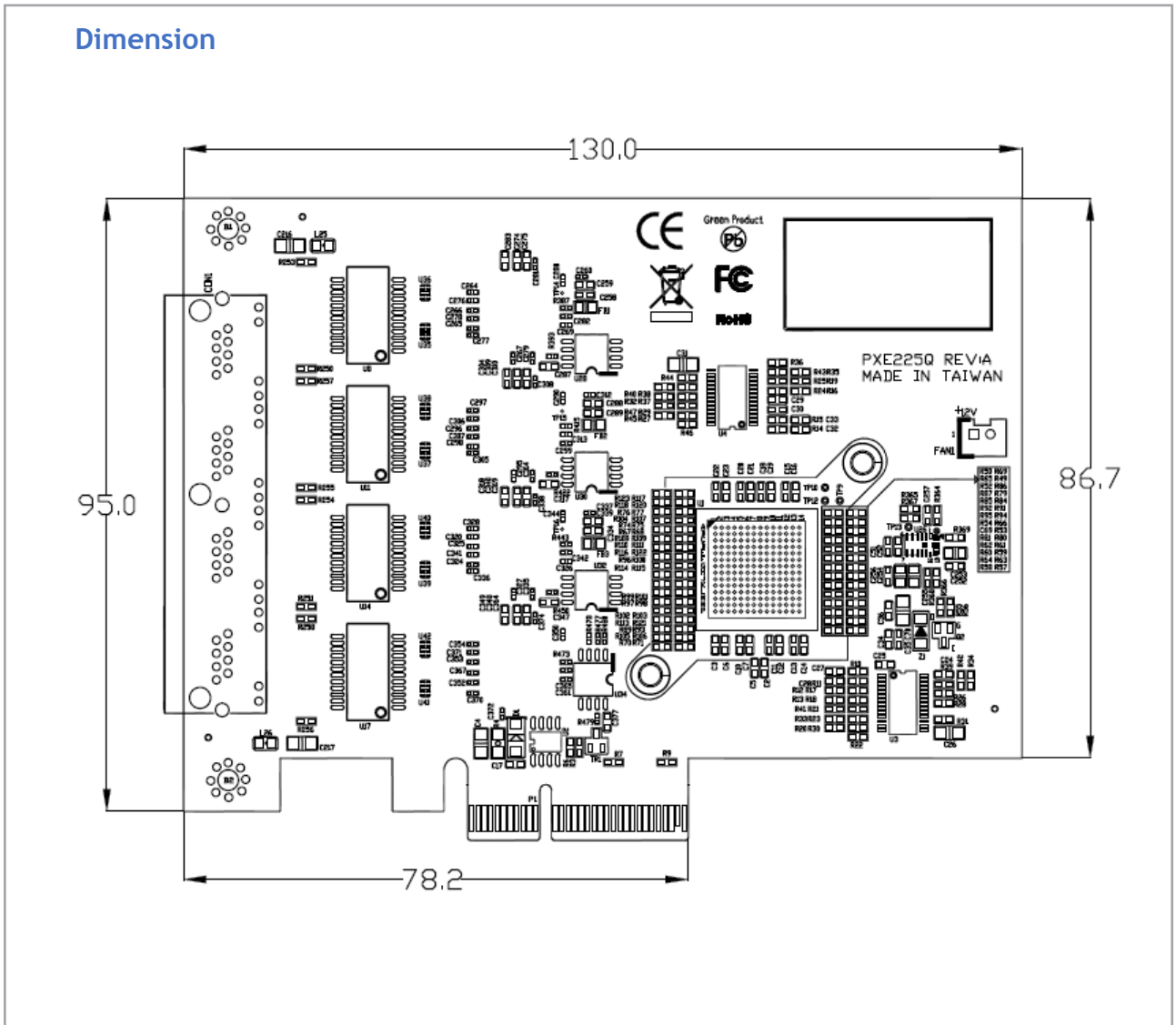
Cadmus's PXE225Q-IT - PCI Express Gigabit Ethernet provides a pathway from legacy PCI/PCIex designs to higher performing PCIe-based designs. The Intel I225-IT Gigabit Ethernet Controllers provides fully integrated Gigabit Ethernet Media Access Control (MAC) and Physical-Layer (PHY) capabilities that can be configured for either 1000 Mb/s or 10/100 Mb/s modes of operation. 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).

Specifications

Chipset	Intel I225-IT Gigabit Controller
Bus Interface	PCI-Express x4 (compatible with x8 x16 PCI express slot)
Whole Duplex	Full Duplex Flow Control
Network Interface Type	RJ-45 Copper *4
Transmission Speed	10/100/1000/2500 Mbps
Transmission Medium Type	100/1000 Mbps
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. 24.5) or check Intel official website
Working Temperature	-40°C ~ 70°C

PXE225Q-IT

Dimension



Ordering Information

PXE225Q-IT

- PCIe4 Gen 2
- 4 ports RJ45 with Intel I225-IT Controller