

Main Features

- Single port PCIe network adapter card with Intel I225IT Chipset
- Provides fully compliant 10/100/1000/2500 RJ-45 Ethernet port through single PCIe slot
- Form Factor: PCI Express Mini card
- Support Wake-on-Lan and PXE network boot support
- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab

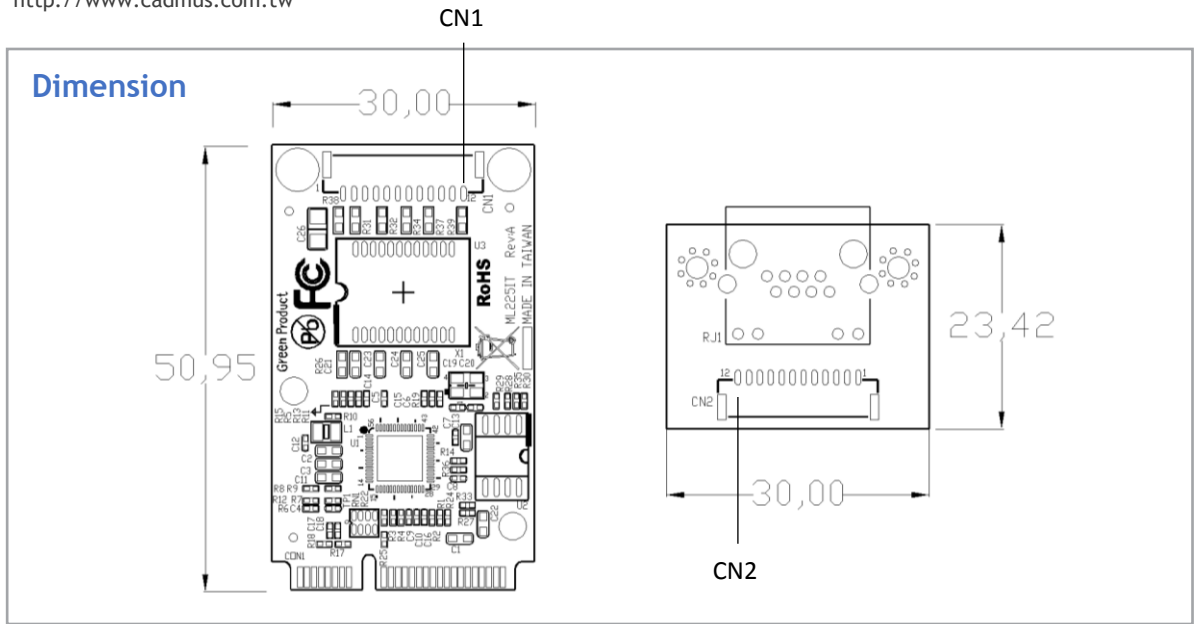
Product Overview

The ML225IT Mini PCI Express Gigabit Network Adapter Card adds 1000Mbps network connectivity to a Mini PCI Express (PCI Express Mini Card, Mini PCIe) enabled computer system, such as Mini-ITX motherboard or fanless system.

ML225IT flexible design is perfect for small form factor or embedded systems that originally lack Gigabit networking capability, or for adding a network connection without taking up a full-sized Mini PCI Express slots, this high quality Mini PCIe Network Adapter includes a low profile/half-height bracket for additional installation options.

Specifications

Chipset	Intel I225IT Gigabit Ethernet Controller
Form Factor	Mini-PCIe Form Factor
Whole Duplex	Full Duplex Flow Control
Network Interface Type	RJ-45 Copper *1
Transmission Speed	10/100/1000/2500Mbps
Functions	Support WOL, PXE and Teaming Functions
Power supply	On board 3.3V
Dimension	LAN Module Dimension : 50 x 30 (mm) RJ45 LAN Adapter Dimension : 30 x 23(mm)
Compatible Operating System	Windows 7 / Windows 8.1 / Windows 10 Windows Server 2008 / Windows Server 2008 R2 / Windows Server 2012 / Windows Server 2012 R2 / Windows Server 2016 / Windows Server 2019 (ver. 1903) Linux (latest ver. 24.1)
Working Temperature	-40°C-70°C

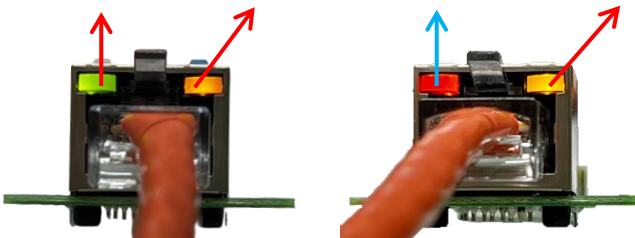


Pin definition

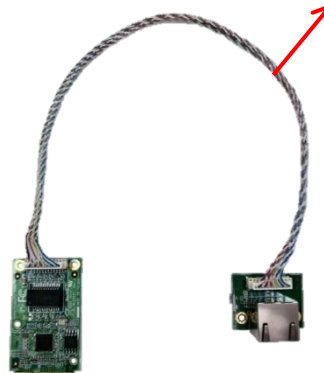
CN1	PIN	Description
	1	LINK_2500
	2	LINK_1000
	3	MX_A3-
	4	MX_A3+
	5	MX_A2-
	6	MX_A2+
	7	MX_A1-
	8	MX_A1+
	9	MX_A0-
	10	MX_A0+
	11	3VDU
	12	LINK_ACTIVITY

CN2	PIN	Description
	1	LINK_2500#
	2	LINK_1000#
	3	MX_A3-_D
	4	MX_A3+_D
	5	MX_A2-_D
	6	MX_A2+_D
	7	MX_A1-_D
	8	MX_A1+_D
	9	MX_A0-_D
	10	MX_A0+_D
	11	3VDU#
	12	LINK_ACTIVITY#

1G (Green) LINK_ACTIVITY **2.5G (Orange)** LINK_ACTIVITY



Cable length : 30 cm



Ordering Information

ML225IT

- MiniPCIe to GbE LAN Module
- One Intel I225 Ethernet controller
- With 30cm cable and one port RJ45 connector board