

# MIC-3661 Single/Dual 10/100Mbps Fast Ethernet PMC Board Startup Manual

## Packing List

Before you begin installing your card, please make sure that the following materials have been shipped:

- One MIC-3661 PMC Board
- One Warranty Certificate
- One Startup Manual

If any of these items are missing or damaged, contact your distributor or sales representative immediately.

## Specifications

### Physical

- **Dimensions:** (W x D) 74 x 149 mm (2.9" x 5.87")
- **Bus:** PCI 32bit, 33Mhz

### Power

- **Power consumption:** 6w @33Mhz

### Environmental

- **Operating temperature:** 0-60°C, (32-140°F)
- **Storage temperature:** -20-80°C, (-4-176°F)
- **Relative humidity:** 5-95% @ 40°C, non-condensing
- **Shock:** 10G (Operating), 30G (Non-operating)
- **Random Vibration:** 5-500Mhz 1.0 Grms (Operating)  
2.0 Grms (Non-operating)

### Regulatory Compliance

- **EMC:** EN55022 / 11 EMC Directive /  
EEC Emission and Immunity  
EN 61000-6-2, Immunity  
CISPR 22 / 11

For more information on this and other Advantech products, please visit our website at:

<http://www.advantech.com>

For technical support and service, please visit our support website at:

<http://support.advantech.com>

This manual is for the MIC-3661 series Rev. A1.

Part No. 2002366100

1st. Edition

Printed in Taiwan

September 2002

## Initial Inspection

We have carefully inspected the MIC-3661 before its shipment. It should be free of marks, scratches, and in perfect working condition upon receipt. As you unpack the MIC-3661, please check for signs of shipping damages (damaged box, scratches, dents, etc.). If it is damaged or fails to meet specifications, notify our service department or your local representative immediately and the carrier. Retain the shipping carton and packing materials for inspection by the carrier. After inspection, we will make arrangements to repair or replace the unit.

## System Requirements

The MIC-3661 is designed to be easily installed and maintained on any CompactPCI™ board that has PMC interface for MIC-3661. For example, the MIC-3950 / MIC-3951 are all PMC carrier board that can adopt two PMC modules in one-slot 6U CompactPCI™ board. MIC-3368 / MIC-3366, which have two PMC sites, adopt any PMCs such as the MIC-3661 and MIC-3662.

## Card Installation

The MIC-3661 is a PCI bus master PMC module. It can be installed only in a CompactPCI™ board which supports PMC interface. Improper installation of a card can easily damage the backplane of the chassis. The following installation guide will easily and safely assist you in installing and removing the module. Please follow the procedure to install the MIC-3661 into a PMC carrier:

### To install a card:

- Turn off the power to the system
- Connect the MIC-3661 onto the CPU's PCI mezzanine connector and attach to the standoff with two screws.
- Connect the Ethernet Category 5 cable to the RJ-45 connector on the front plate.
- Power up the system
- Configure your system using the network driver appropriate to your operating system.

## Front Panel LED Indicators

There are two diagnostic LEDs on the front panel. These LEDs show the operating status of the MIC-3661D.

### LED Indicator Meaning

- **LNK:**

On / the linking between the switch and adapter is good.

Off / the linking between the switch and adapter is faulty

- **SPD:**

On / the MIC-3661D is sending or receiving network data (1000 Mbps.)

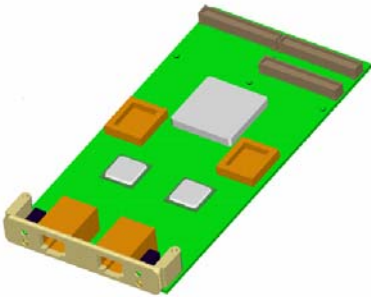
Off / the MIC-3661D is not sending or receiving network data (100 Mbps)

## Connector Definition

- CN1: RJ-45 #1
- CN2: RJ-45 #2

## Ordering Information

- **MIC-3661-A:** Single 10/100Mbps Fast Ethernet PMC Board
- **MIC-3661D-A:** Dual 10/100Mbps Fast Ethernet PMC Board



Outlook of MIC-3661D

## Dimension

