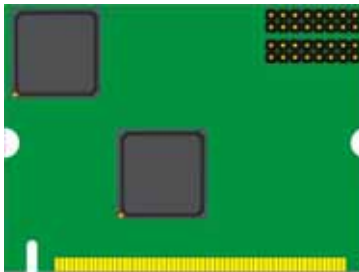


# MP-541

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User's Manual

Edition 1.1



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## Packing List:

### Hardware:

MP-541 Mini-PCI LAN Card x1

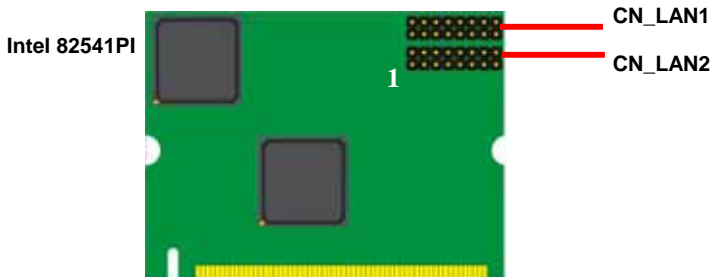
### CD Content:

Drivers & User's Manual

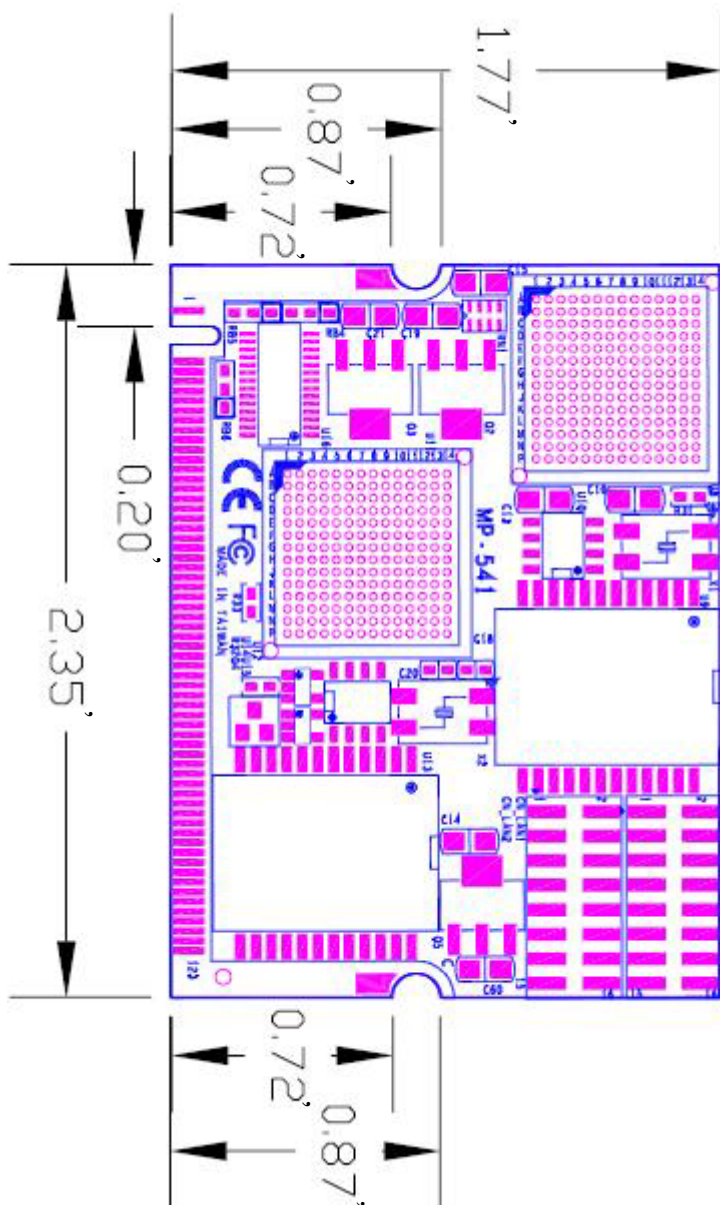
## Product Specification

General Specification	
Form Factor	Mini-PCI Type IIIB with 124-pin interface
Controller	Intel 82541PI Gigabit Ethernet
Compliance	IEEE 802.3 Ethernet interface for 1000Base-T, 100Base-TX, and 10Base-T applications (802.3, 802.3u, 802.3ab).
Transfer Rate	1000 Mb/s, 100 Mb/s, or 10 Mb/s
Wake On LAN	Supported (PME)

## Component Placement



# Mechanical Drawing



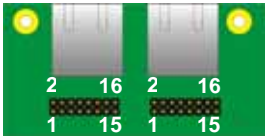
# Connector Reference

Connector: CN\_LAN1/2

Type: 16-pin (8 x 2) header



Pin	Description	Pin	Description
1	TRD0+	2	TRD1+
3	TRD0-	4	TRD1-
5	GND	6	GND
7	TRD2+	8	TRD3+
9	TRD2-	10	TRD3-
11	GND	12	GND
13	Link	14	Link100
15	Active	16	Link1000



LAN Connector: LAN1/2

Connector Type:

16-pin (8 x 2) 2.0 x 2.0 mm header

RJ45 10/100/1000Mbps connector (MP-541)

Pin	1	2	3	4	5	6	7	8
Description	TRD0+	TRD0-	TRD1+	TRD2+	TRD2-	TRD1-	TRD3+	TRD3-

## Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

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