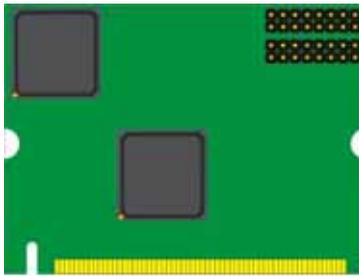


MP-541

User's Manual

Edition 1.1



Copyright

Copyright 2004 all rights reserved. This document is copyrighted and all rights are reserved. The information in this document is subject to change without prior notice to make improvements to the products.

This document contains proprietary information and protected by copyright. No part of this document may be reproduced, copied, or translated in any form or any means without prior written permission of the manufacturer.

All trademarks and/or registered trademarks contains in this document are property of their respective owners.

Disclaimer

The company shall not be liable for any incidental or consequential damages resulting from the performance or use of this product.

The company does not issue a warranty of any kind, express or implied, including without limitation implied warranties of merchantability or fitness for a particular purpose.

The company has the right to revise the manual or include changes in the specifications of the product described within it at any time without notice and without obligation to notify any person of such revision or changes.

Trademark

All trademarks are the property of their respective holders.

Any questions please visit our website at <http://www.commell.com.tw>.

Packing List:

Hardware:

MP-541 Mini-PCI LAN Card x1

Printed Matter:

MP-541 User's Manual

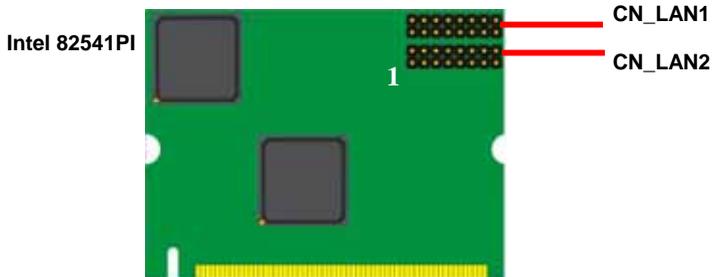
CD Content:

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



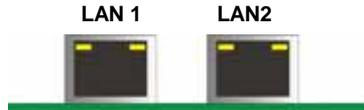
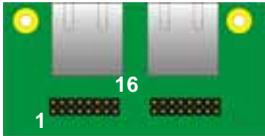
Connector Reference

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+	2	TRD3+
9	TRD2-	4	TRD3-
11	GND	6	GND
13	Link	14	Link100
15	Active	16	Link1000



LAN Connector: LAN1/2

Connector Type:

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.

Taiwan Commate Computer Inc.

Address	8F, No. 94, Sec. 1, Shin Tai Wu Rd., Shi Chih Taipei Hsien, Taiwan
TEL	+886-2-26963909
FAX	+886-2-26963911
Website	http://www.commell.com.tw
E-Mail	info@commell.com.tw (General Information) tech@commell.com.tw (Technical Support)

Commell is the trademark of Taiwan Commate Computer INC.