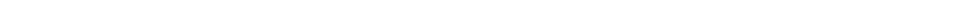




integration with integrity

User's Manual
Mini-PCI Type IIIB 1507606
Version 1.0



Copyrights

This manual is copyrighted and all rights are reserved. It does not allow any non authorization in copied, photocopied, translated or reproduced to any electronic or machine readable form in whole or in part without prior written consent from the manufacturer.

In general, the manufacturer will not be liable for any direct, indirect, special, incidental or consequential damages arising from the use of inability to use the product or documentation, even if advised of the possibility of such damages. The manufacturer keeps the rights in the subject to change the contents of this manual without prior notices in order to improve the function design, performance, quality and reliability. The author assumes no responsibility for any errors or omissions, which may appear in this manual, nor does it make a commitment to update the information contained herein.

Trademarks

Intel is a registered trademark of Intel Corporation.

Award is a registered trademark of Award Software, Inc.

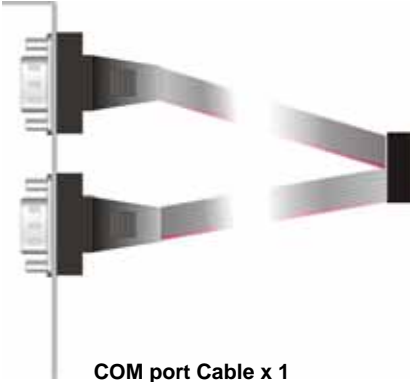
All other trademarks, products and or product's name mentioned herein are mentioned for identification purposes only, and may be trademarks and/or registered trademarks of their respective companies or owners.

Packing List:

Hardware :

1507606 Mini-PCI GPS Card x1

Cable Kit :



COM port Cable x 1

Printed Matter :

1507606 User's Manual

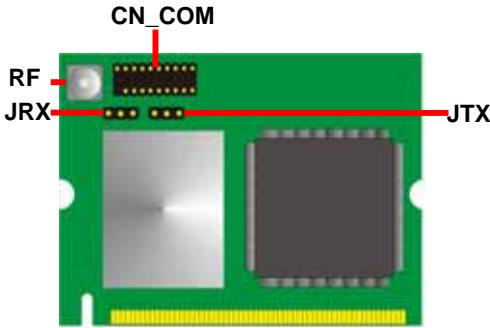
CD Content :

Drivers & User's Manual

1.1 <Product Specification>

General Specification	
Form Factor	Mini-PCI TYPE III B
Controller	OXFORD OXmPCI954
Features	Three 16C950 High performance UART channels, first channel for GPS
GPS Chipset	SiRF Star III
GPS Features	Tracking Sensitivity: -159dBm Support NMEA 0183 and SiRF binary protocol
GPS Baud Rate	4,800 bps

1.2<Connector Assignment >



Connector: **CN_COM**

Type: 20-pin (10 x 2) header

Pin	Description	Pin	Description
1	DCD1-	2	RX1-
3	TX1-	4	DTR1-
5	Ground	6	DSR1-
7	RTS1-	8	CTS1-
9	RI1-	10	N/C
11	DCD2-	12	RX2-
13	TX2-	14	DTR2-
15	Ground	16	DSR2-
17	RTS2-	18	CTS2-
19	RI2-	20	N/C

Connector: **JRX**

Type: 3-pin (3 x 1) header

Pin	Description	Pin	Description	Pin	Description
1	VCC	2	RX	3	Ground

Connector: **JTX**

Type: 3-pin (3 x 1) header

Pin	Description	Pin	Description	Pin	Description
1	VBAT	2	TX	3	Ground

Connector: **RF**

Type: MCX connector

Pin	Description	Pin	Description	Pin	Description	Pin	Description	Pin	Description
1	RF receive	2	RF GND	3	RF GND	4	RF GND	5	RF GND

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



Address: Global American, Inc.
17 Hampshire Drive
Hudson, NH 03051

Telephone: Toll Free (U.S. Only) 800-833-8999
(603)886-3900

FAX: (603)886-4545

Website: <http://www.globalamericaninc.com>
Support: Technical Support at Global American

