# MP-954GPS

# **User's Manual**

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# Packing List:

#### Hardware:

MP-954GPS Mini-PCI Card x1

#### Cable kit:

Com port cable (OALES-BKU2) x 2



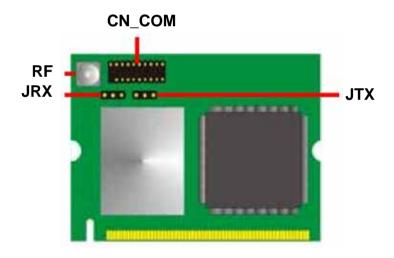
#### CD Content::

Drivers & User's Manual

# 1.0 <Product Specification>

General Spec	ification	
Form Factor	Mini-PCI Type III B with 124-pin interface	
Controller	OXFORD OXuPCI954	
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	

# 1.1 <Connector Assignment>



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Connector: CN\_COM

Type: 20-pin (10x2 pitch=1.27x2.54mm) header

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

#### Connector: JRX

#### Type: 3-pin (3x1 pitch=2.0mm) header

Pin	Description	Pin	Description	Pin	Description
1	VCC	2	RX	3	GND

Connector: JTX

Type: 3-pin (3x1 pitch=2.0mm) header

Pin	Description	Pin	Description	Pin	Description
1	VBAT	2	ТХ	3	GND

Connector: RF

Type: MCX connector

Pin	Description	Pin	Description
1	RF receive	2~5	RF GND

- 1.3 <Driver Setting>
- 1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ ...

2. Please choose "Device Manager"

System	estore	Automa	tic Updates	Remote
General	Comput	er Name	Hardware	Advanced
Device Ma	nager			
S 1	he Device Ma	er. Use the D	the hardware device evice Manager to ch	
			Device Ma	mager
Drivers				
La o	ompatible with	Windows. W	sure that installed dr indows Update lets <u>:</u> 'indows Update for (	you set up
	Driver Si	gning	Windows L	lpdate
	Profiles			
Hardware F				and store
A +	lardware profile lifferent hardwa			and store
A +				

3. You can see other devices "Other PCI Bridge Device" and "PCI Serial Port"



#### 4. Please choose "Other PCI Bridge Device" then press Update Driver

Other PC	l Bridg	e Devic	e Properti	es		?×
General	Driver	Details	Resources			
$\diamond$	Other F	PCI Bridge	Device			
	Driver	Provider:	Unknown			
	Driver	Date:	Not availa	ble		
	Driver '	Version:	Not availa	ble		
	Digital	Signer:	Not digita	ly signed		
Driv	er Details		To view deta	ils about the dri	ver files.	
Upd	ate Drive	f	To update th	e driver for this	device.	
Roll	Back Dri	ver		fails after upda previously instal		roll
	Jninstall		To uninstall	he driver (Adva	nced).	
-				OK	Ca	ancel

#### 5. Please choose "NO, not this time"



# 6. Install software for "Other PCI Bridge Device" Please choose "Install from a list or specific location"



7. Please choose "Search for the best driver in these location" Check "Include this location in the search" then press "Browse"

Please c	hoose your search and installation options.
<b>⊙</b> Sε	arch for the best driver in these locations.
	e the check boxes below to limit or expand the default search, which includes local hs and removable media. The best driver found will be installed.
	Search removable media (floppy, CD-ROM)
	Include this location in the search:
	D:\ Browse
ODe	n't search. I will choose the driver to install.
	pose this option to select the device driver from a list. Windows does not guarantee driver you choose will be the best match for your hardware.

#### 8. Please select the file location

#### "C:\Driver\MP-954GPS\windows\2000&XP&Vista\32bit"

ðrowse For Folder	? 🛛
Select the folder that contains drivers for your	hardware.
	7776
🗄 🧰 Intel	~
MP-954GPS	
inux 🖾	
🖃 🧰 windows	
🗀 988ME	
🖃 🚞 2000&XP&Vista	
🔁 32bit	
🛅 64bit	~
	10000
T	
To view any subfolders, click a plus sign above	
ОК	Cancel

### 9. Hardware Installation "Serial Bus Adapter" Press "Continue Anyway"

Hardwar	e Installation
1	The software you are installing for this hardware: Serial Bus Adapter has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
<del></del>	Continue Anyway STOP Installation

#### 10. Completing the hardware update wizard



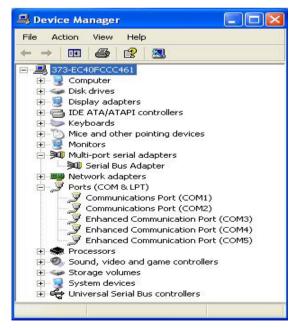
11. Please choose "PCI Serial Port" then press Update Driver step same as 5. ~ 9.

PCI Serial Port Pro	opert	ies 🛛 🛛 🔀
General Driver D	etails	Resources
PCI Serial	Port	
Driver Pro	vider:	Unknown
Driver Dat	e:	Not available
Driver Ver	sion:	Not available
Digital Sig	ner:	Not digitally signed
Driver Details		To view details about the driver files.
Update Driver		To update the driver for this device.
Roll Back Driver		If the device fails after updating the driver, roll back to the previously installed driver.
Uninstall		To uninstall the driver (Advanced).
		OK Cancel

11. Please choose "16C95x Serial Port" then press Update Driver Step same as 5. ~ 9. installing for "Enhanced Communication Port" then press "Continue Anyway"

Har dwa	re Installation
	The software you are installing for this hardware: Enhanced Communication Port has not passed Windows Logo testing to verify its compatibility with Windows XP. ( <u>Tell me why this testing is important.</u> ) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

#### 12. Install finish



## **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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