Features

- PCIe 2.0 Gen 1 compliant
- 15 KV ESD protection for all serial ports
- Sleep mode with wake-up Indicator
- Transmission media: twisted-pair cable or shielded cable
- Direction control: Adopt the technology which automatically controls the data-flow direction、automatically distinguish and control the data-transmission direction;
- UART interface support for 7 or 8 data bits,1 or 2 stop bits and even/odd/mark/space/none
- Flow control none,hardware and xon/xoff
- Extended operating temperature range; -40 to 85℃

Applications

- Next generation Point-of-Sale Systems
- Remote Access Servers
- Storage Network Management
- Factory Automation and Process Control

System Requirements

- Windows® Server 2003, 2008, 2012
- Windows® XP, Vista, 7, 8,8.1,10
- Linux 2.6.27, 2.6.31, 2.6.32, 3.x.x and newer
- A available mini PCI Express slot

Driver Locations

All the drivers for the Following PCI Express cards are located in these directories of the Driver CD

Installing Windows driver for the controller card

1. Once Windows is running, a new controller card is detected.
2. Insert the Drivers & Utility CD into the CDROM, assume drive D
3. When Windows ask for the driver for the new controller card, browse to the following folder

   D: \XR17V35X\XR17V352...(2S)

D: \XR17V35X\XR17V354...(4S)

4. Press OK to confirm.
5. Press Next to continue with the installation.
6. Follow the on-screen instructions until driver installation is completed.

Checking the status of the installed driver

1. Right click on the icon of My Computer and choose Properties
2. Choose Device Manager
3. Left click on the "+" sign of the Multifunction adapters
4. The device ID of the chipset should be shown
5. Left click on the "+" sign of the Ports (COM & LPT)
6. The corresponding number of Serial ports available should be shown
7. Right click on the device above and choose Properties on both cases
8. Check the Device status in the General window. The following should be shown:

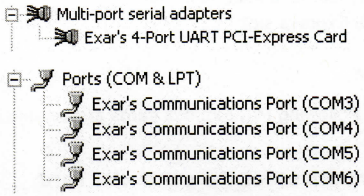
This device is working properly

Verify Installation

You can use Windows "Device Manager" to verify proper installation

(1) Click on the "Programs and Features" tab in the Windows Control Panel
Start > Controller Panel > Device Manager

(2) In the Device Manager window, you should see this board under Multi-port serial adapters (Exar's 4-port UART PCI-Express Card in this example). You should also see Exar's Communications sport under Ports (COM & LPT)

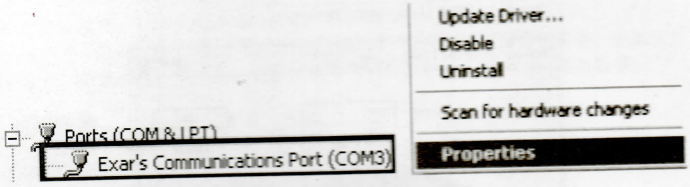


Configure Serial Port Settings

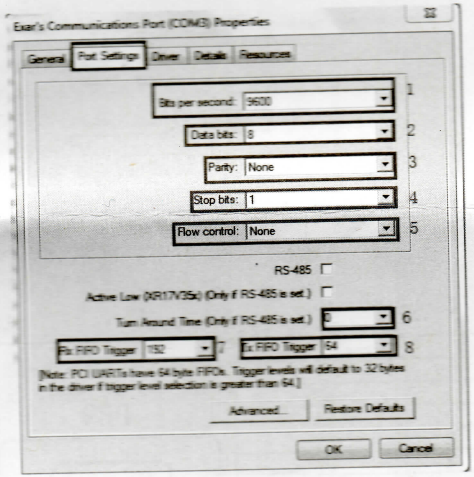
After the board and serial port drivers are installed, please refer to following instructions to configure Serial COM settings.

(1). Please launch the "Device Manager".

(2). Right click the "Exar's Communications sport" item from the "Ports (COM & LPT)" sub-tree and click "Properties".



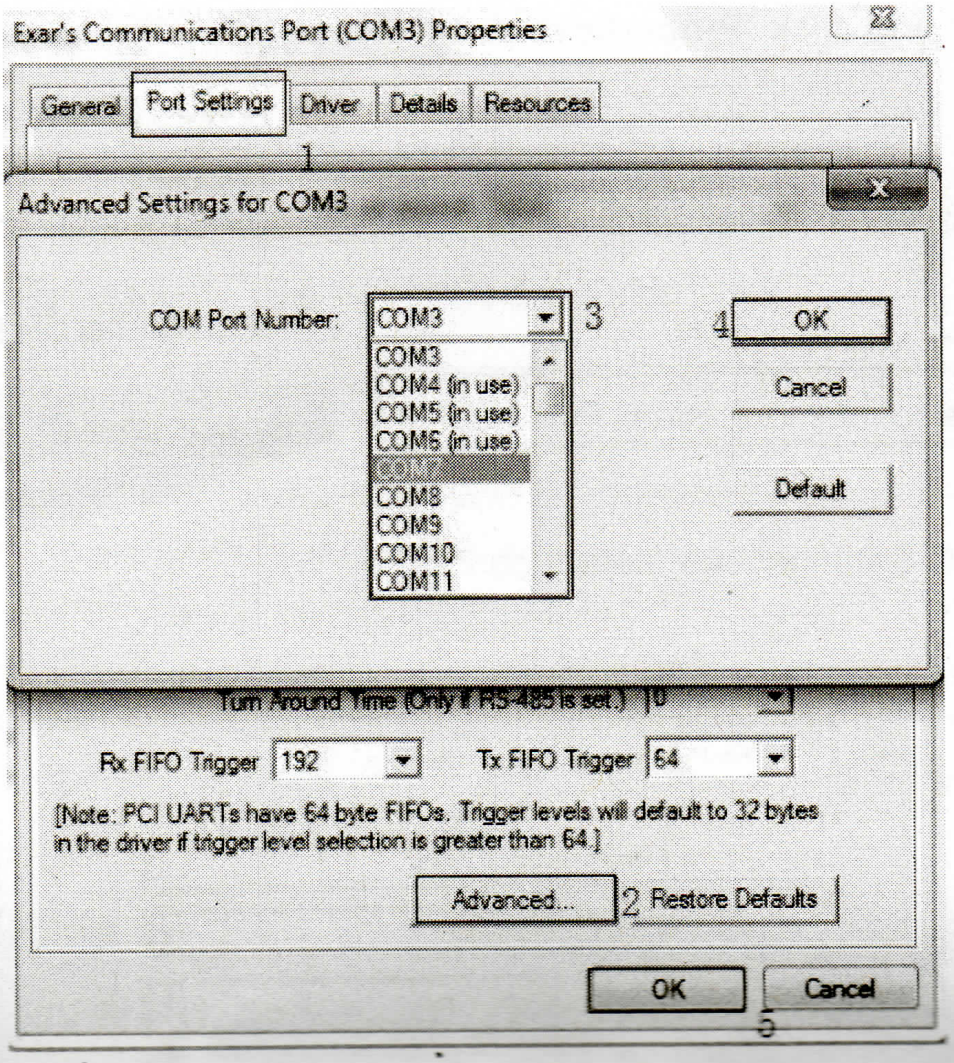
(3). On the "Port Settings" tab, select configure.



(4). Click "OK" to approve the settings for the selected port.

COM Port Number Settings

Under **Port Settings**, click the **"Advanced Settings"**, select a COM number to assign to the serial port. Click "OK" to approve the settings for the selected port.



Note: In order to prevent system resource conflict, do not select "in use" port.

Signal

Signal	
PIN	
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI