

PCIe Serial Card

User Manual

Ver. 2.00

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Chapter 1: Introduction

1.1 Features

Features	● Compliant with PCIe 2.0 Gen 1 ● Serial data transfer rate up to 230400bps ● Supports 2 x UART serial port (model dependent) ● Global interrupt status register for both UARTs ● 256-byte TX and RX FIFOs
Bus	● PCI-Express x1
Connectors	● DB9 male serial connectors

1.2 System Requirements

- Windows XP/Vista /7/8.x/10 32/64 bit
- Linux 2.6.32 or later

1.3 Package Contents

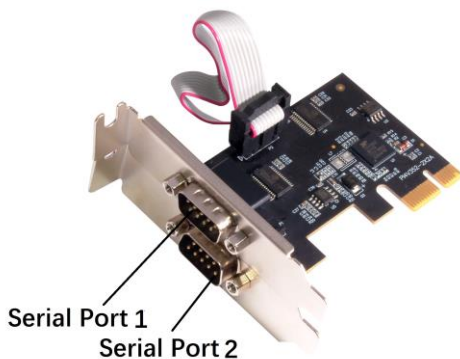
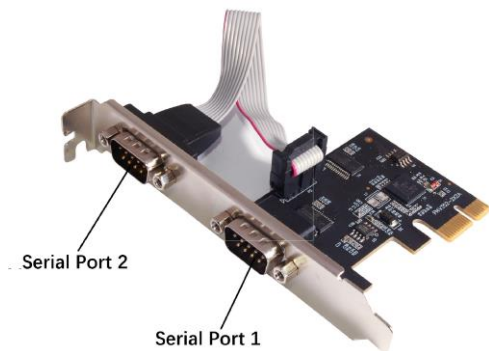
- 1 x PCIe Serial Card
- 1 x User's Manual

1.3 Board Layout

PCIe 1S Serial Card



PCIe 2S Serial Card (model dependent)



Chapter 2: Getting Started

2.1 Hardware Installation

1. Turn Off the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCIe slot.
4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.
5. Replace the slot bracket's holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

2.2 Driver Installation Windows

2.2.1 Installation for Windows

1. Login URL <http://www.sunrichtech.com.hk/>
2. PCIe 1S Serial Card Search IE-K10-5210; PCIe 2S Serial Card Search IE-K10-5220, download driver
3. Follow the prompts to install the driver
4. After the driver installation is complete, you must restart your computer.

2.2.2 Installation for Linux

1. Login URL <http://www.sunrichtech.com.hk/>
2. PCIe 1S Serial Card Search IE-K10-5210; PCIe 2S Serial Card Search IE-K10-5220, download driver
3. Extract the compressed driver source file to a certain directory by the following command: (Please copy the driver file from the download driver folder to a certain folder on hard drive)

```
# tar xf xr17_linux_driver_v x.x.zip
```
4. Now, the driver source files should be extracted under the current directory. Executing the following command to compile the

driver:

make

5. If you want to use modprobe command to mount the driver, executing the following command to install the driver into your kernel:

make install