



FTDI CHIP

Industrial specification

USB to serial converters from Single chip USB to RS232

USB 2.0 Full Speed ,USB 1.0/1.1 compliant

480 Mbps USB data rate

Transmit and receive LED drive .

Serial Interface 2 Port

15 KV ESD protection for all serial ports

Connector: DB9 Male and MINI USB B type

Cable:USB Type A and MINI USB B Type

.Driver Support

Windows 2000

Windows XP and XP 64-bit

Windows Vista and Vista 64-bit

Windows Server 2003 and 2003 64-bit

Windows Server 2008 and 2008 64-bit

Windows 7 and 7 64-bit

Mac OS-X

Linux 2.4 and greater

Applications

- .Notebooks and Industrial PCs peripherals devices
- .Terminal Adapters and POS terminals
- .Peripherals interface
- .General-purpose RS-232 data link

Serial Converter

Mode	Asynchronous serial communication
Speed	Up to 921.6kbps
Connector	DB9 Male*2
Signals	TXD,RXD,RTS,CTS,DTR,DSR,DCD ,RI ,GND
Protection	15KV ESD Protection for all signals
Data Bits	7,8
Stop Bits	1,2
Flow Control	RTS/CTS, X-On/X-Off
Parity	None,Even,Odd,Space,Mark
IRQ/IO Address	Assigned by BIOS
FIFO	TX Buffer 4k bytes, RX Buffer 4k bytes per channel

Software

Driver Support	Windows 98, 98SE, ME, 2000, Server 2003, XP ,Server 2008, XP 64-bit Windows Vista, Vista 64-bit, Server 2008 R2,Windows 7,Windows 7 X64 Mac OS-X Linux 2.4 and greater
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Hardware

Power Input	MINI USB B type connector
Power Consumption	115mA max
LED	TXD1,RXD1,TXD2,RXD2
Dimensions	60.1(W)x22.5(H)80.5(D)mm
Weight	65g

Connector DB9 Male 9PIN Define

NO	DM9 Male
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

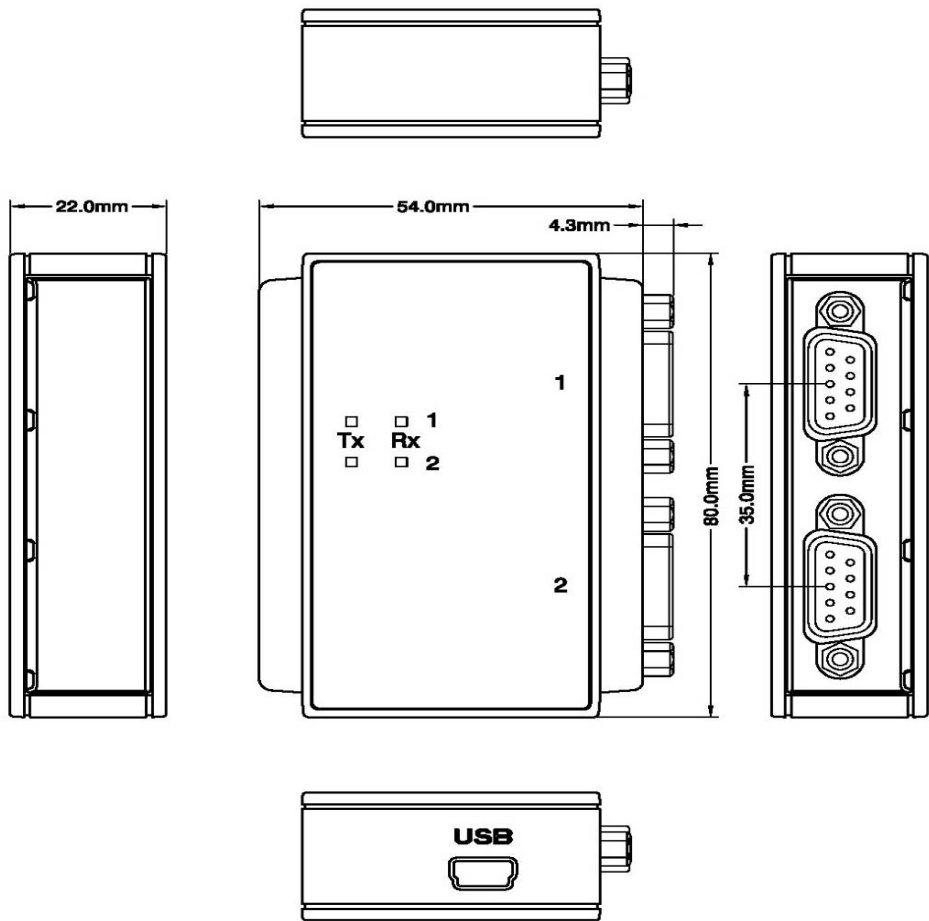
Environmental

Operating Temp	-30~75℃
Storage Temp	-40~85℃
Humidity	5~95% Non-Condensing
Case	PC

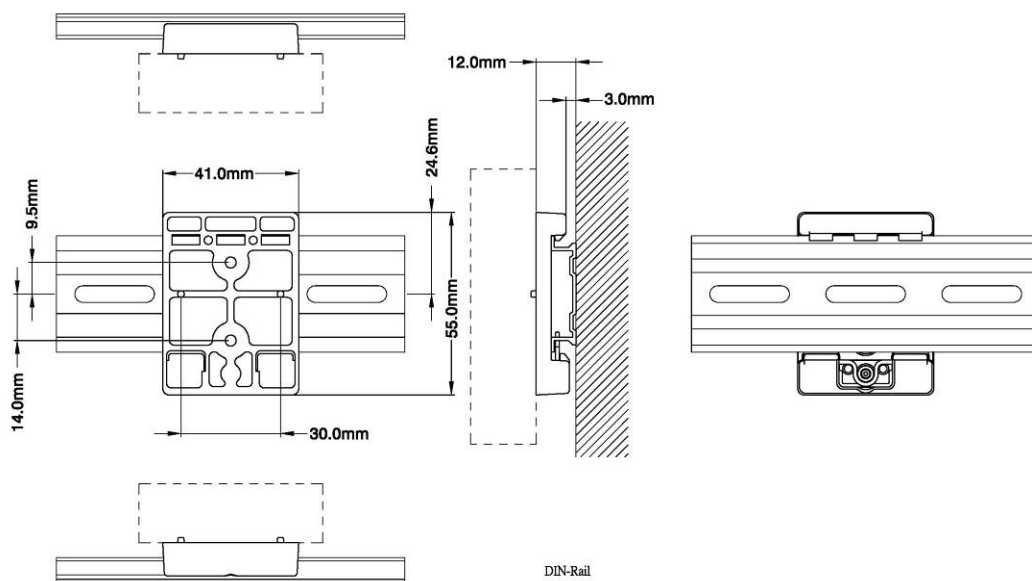
Approvals

CE ,FCC RoHs Compliant

Dimension



DIN rail Dimension



Ordering Information

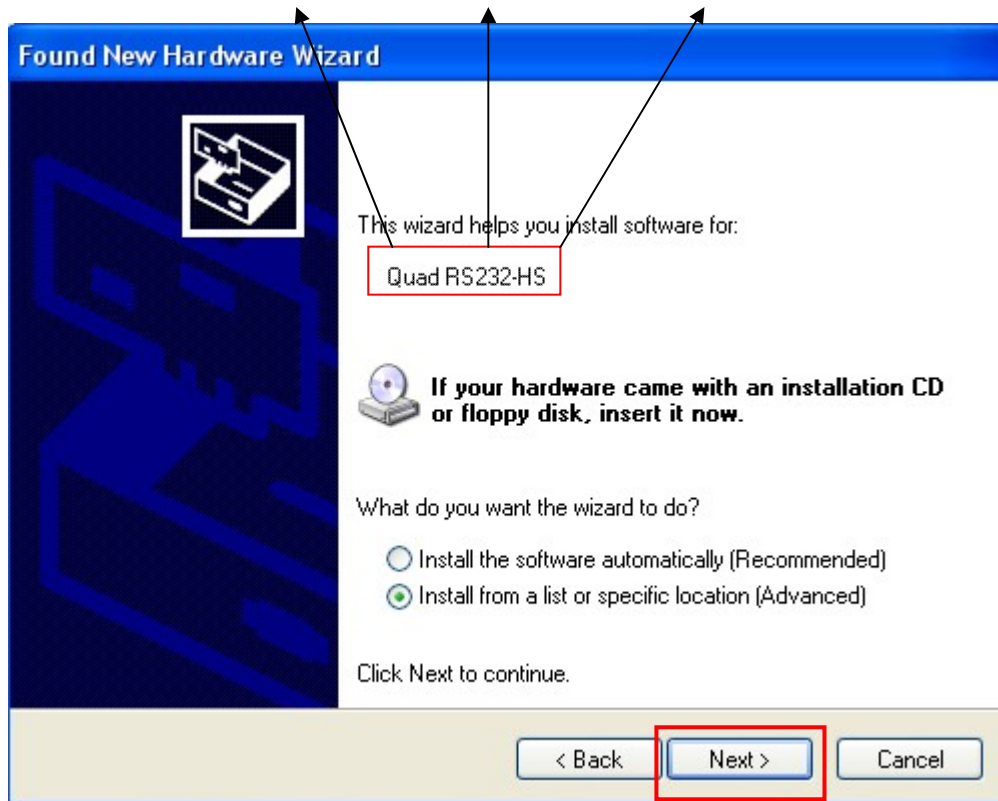
Available Models

US-102 : USB to 2 port RS232

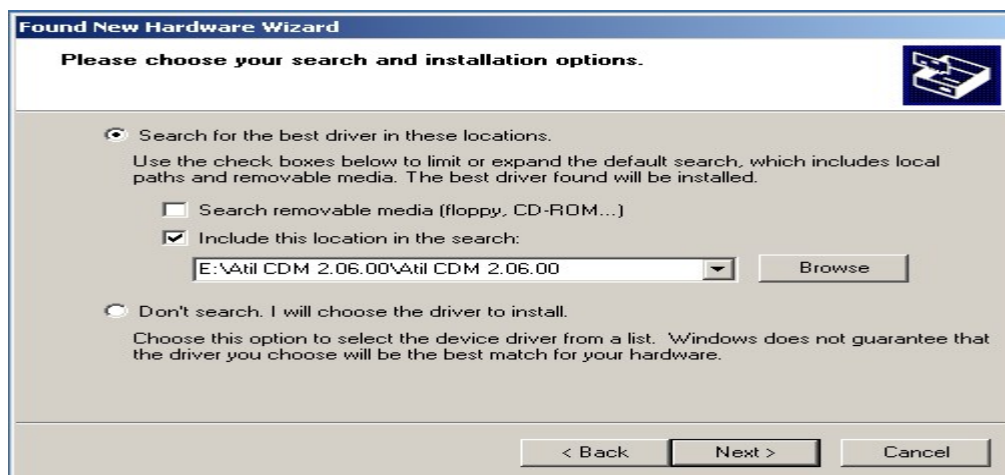
US-102-D : USB to 2 port RS232 and DIN rail

Driver installation guide for windows XP

STEP 1. 1port 2port 4port

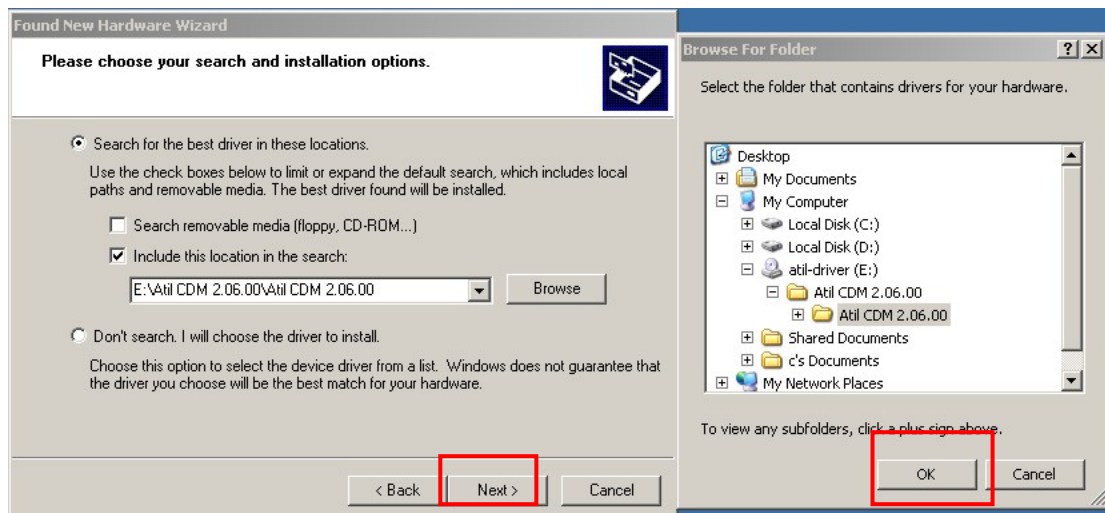


STEP 2.



STEP 3.





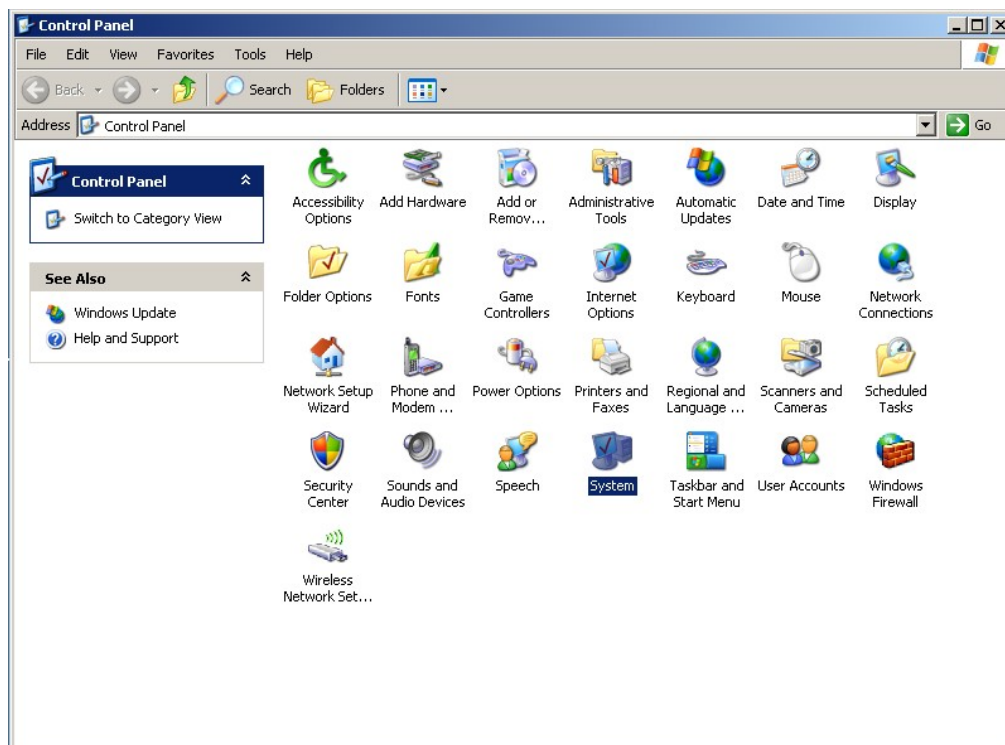
SETP 4.



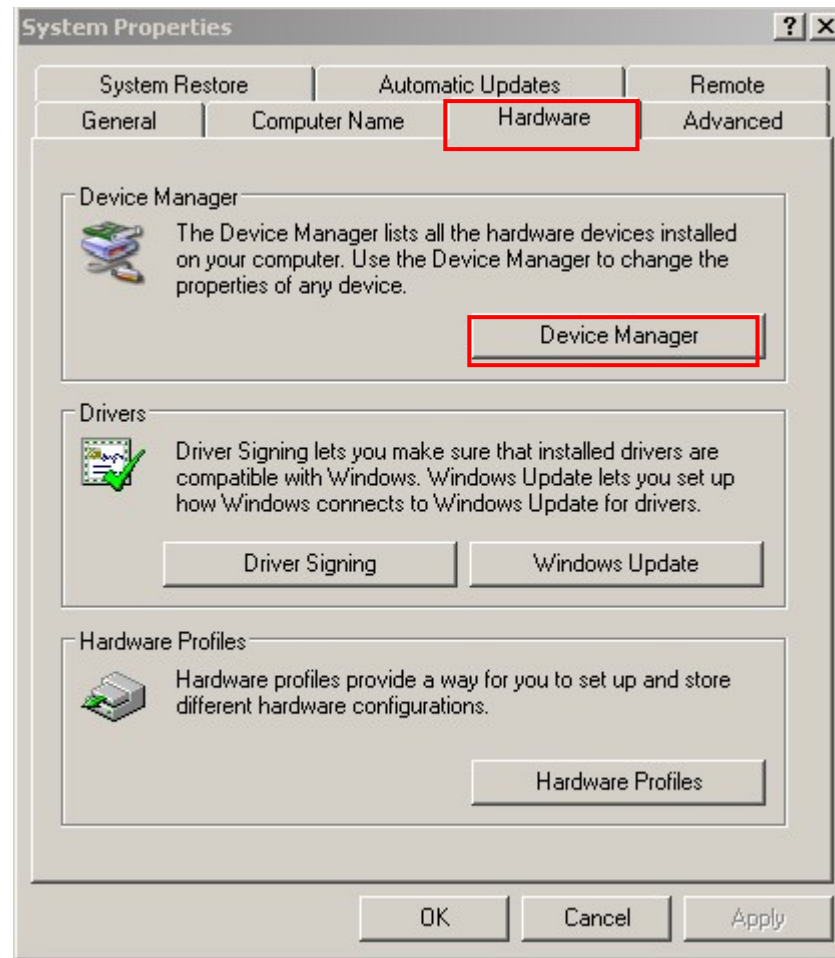
SETP 5.



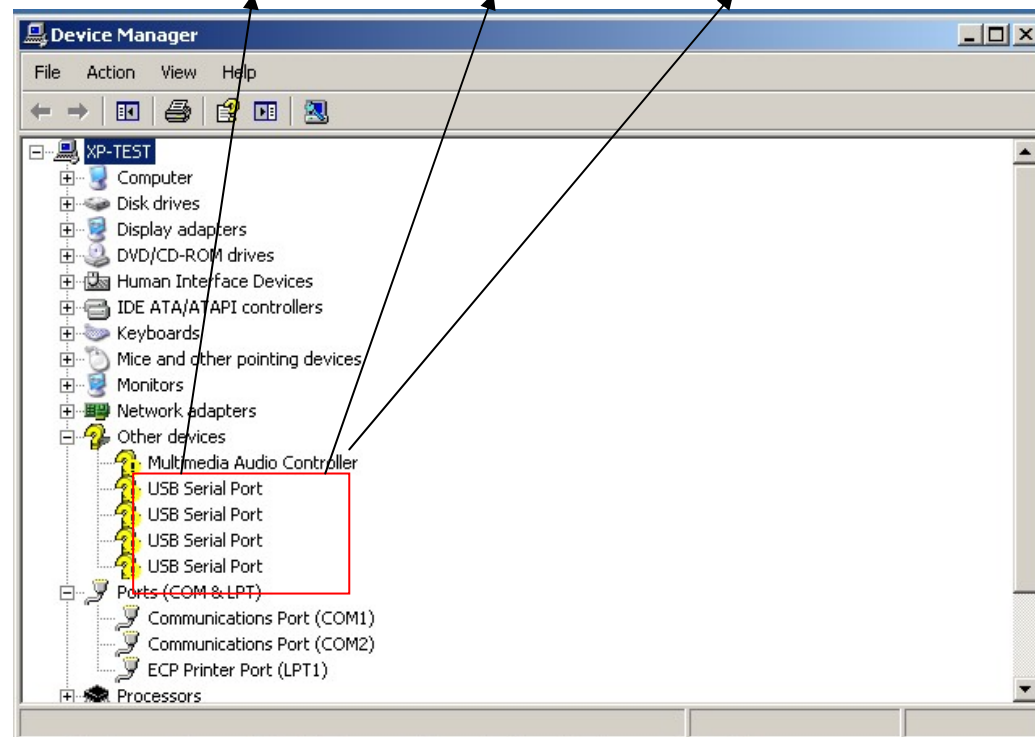
SETP 6.



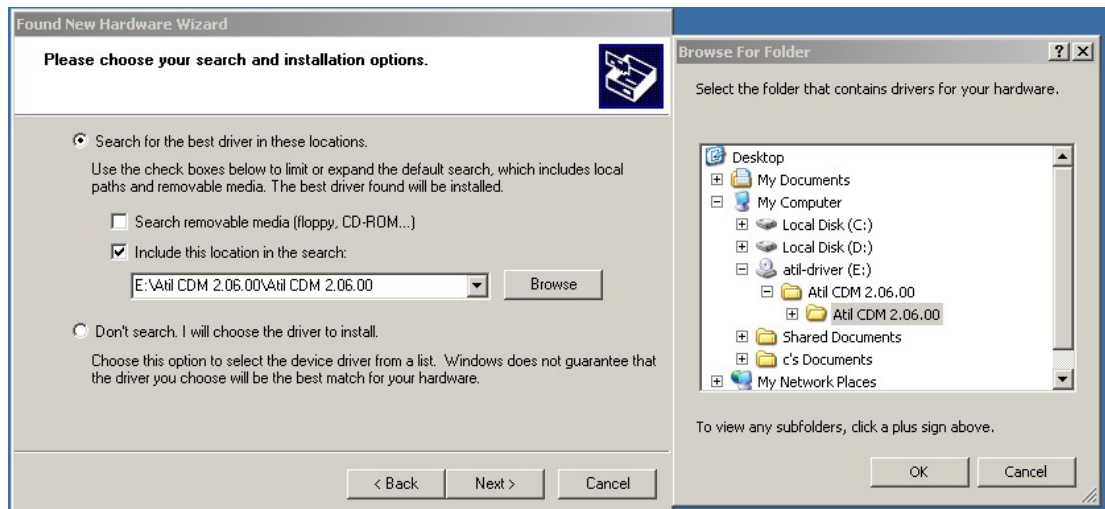
SETP 7.



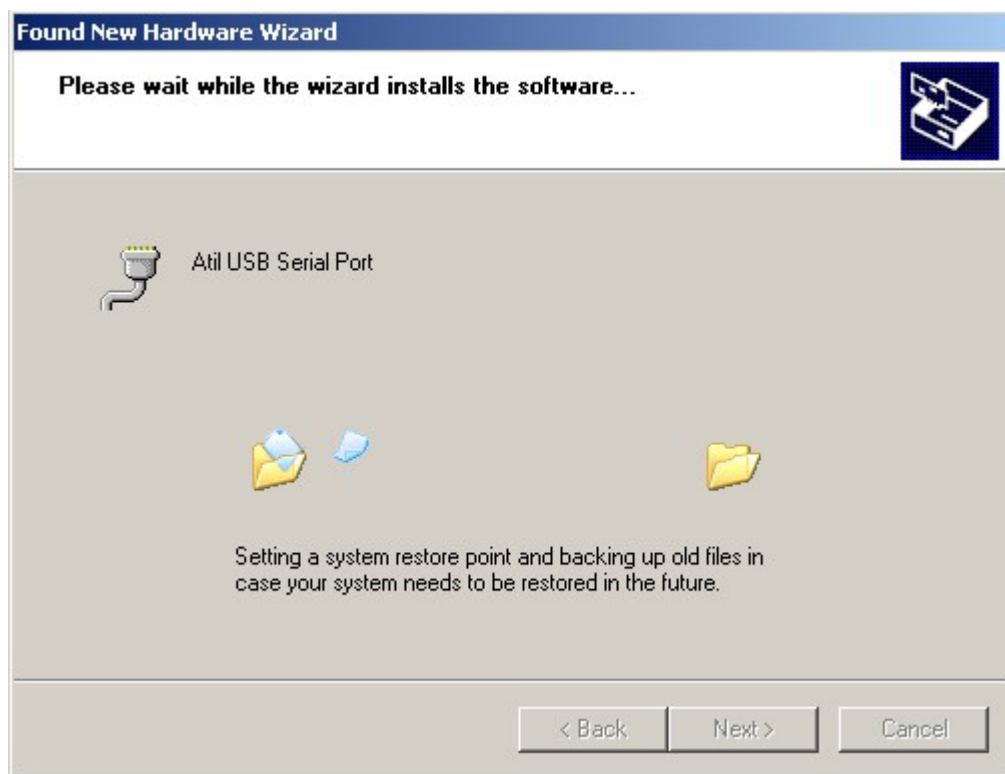
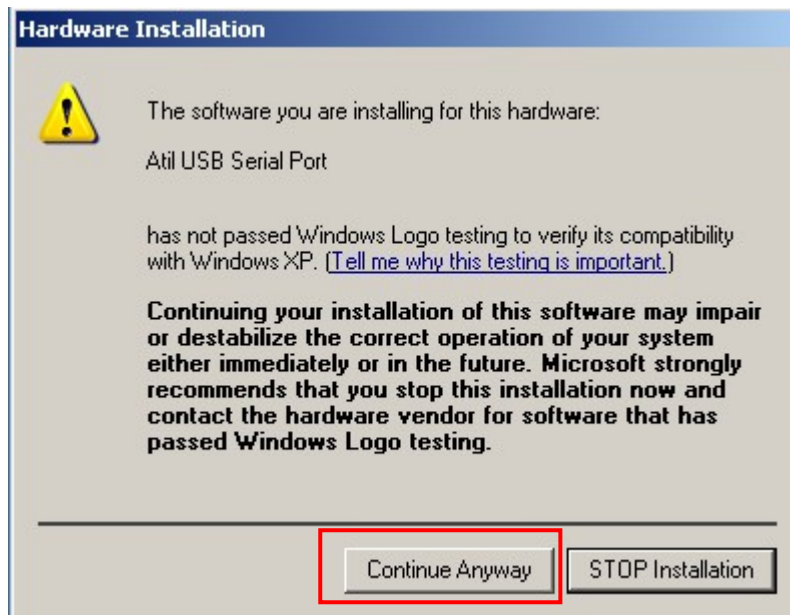
SETP 8. 1port 2port 4port



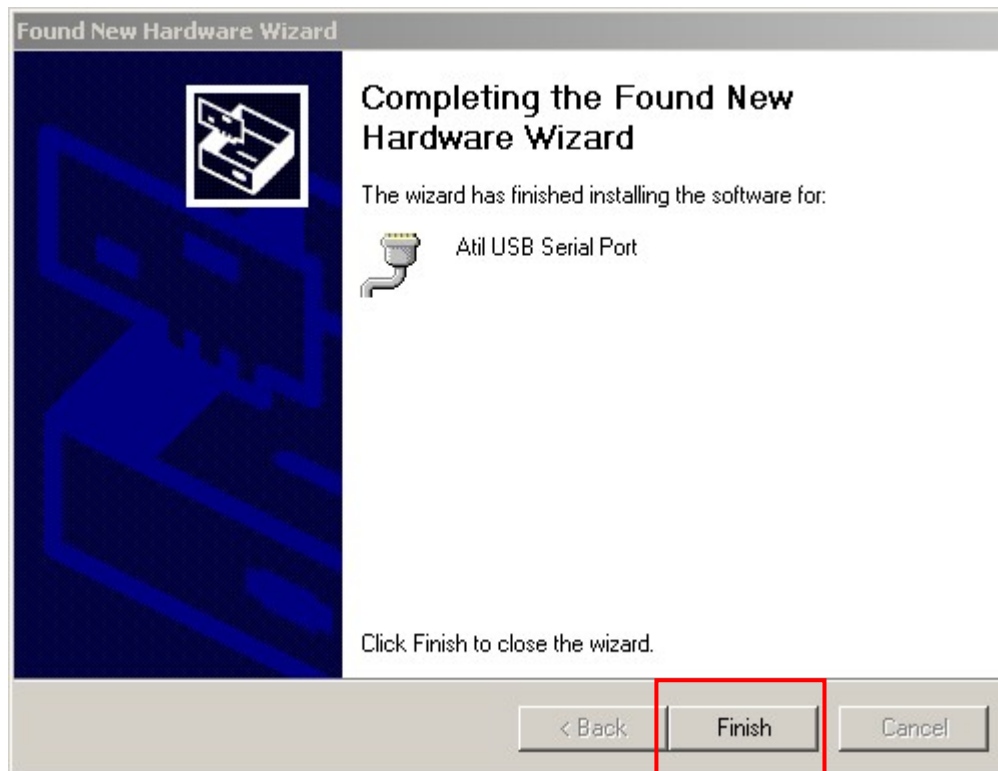
STEP 9.



STEP 10..



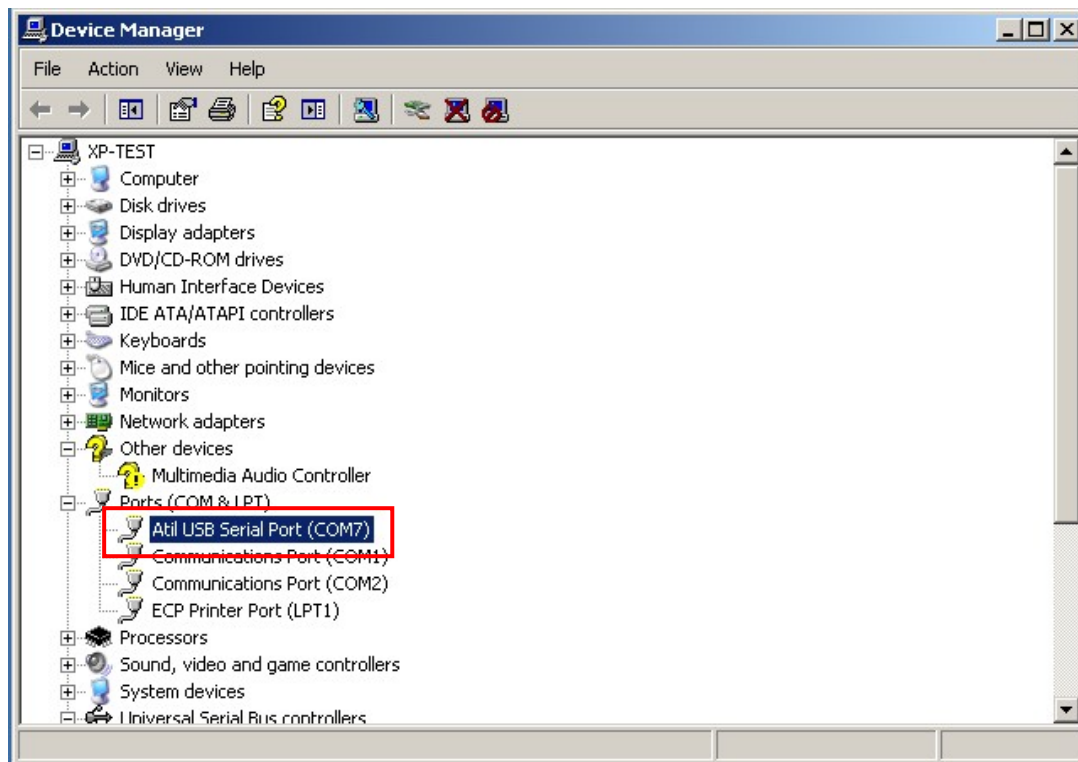
STEP 11.



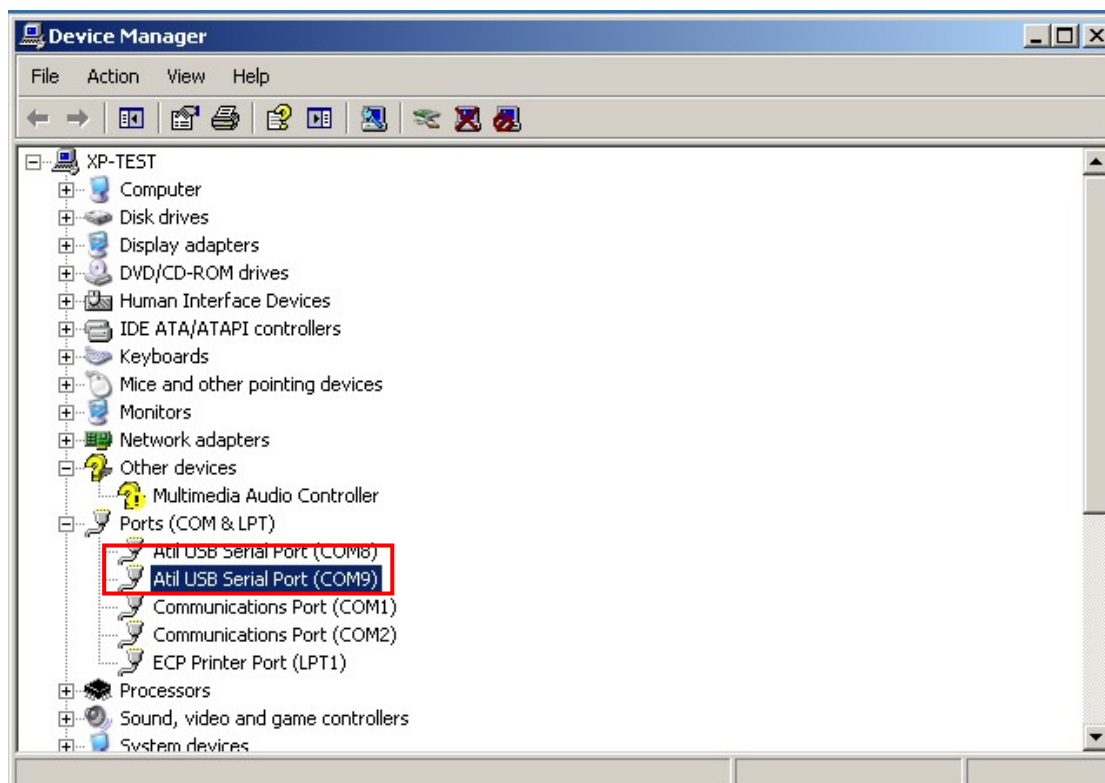
2port Loop STEP 9~11 two next

4port Loop STEP 9~11 four next

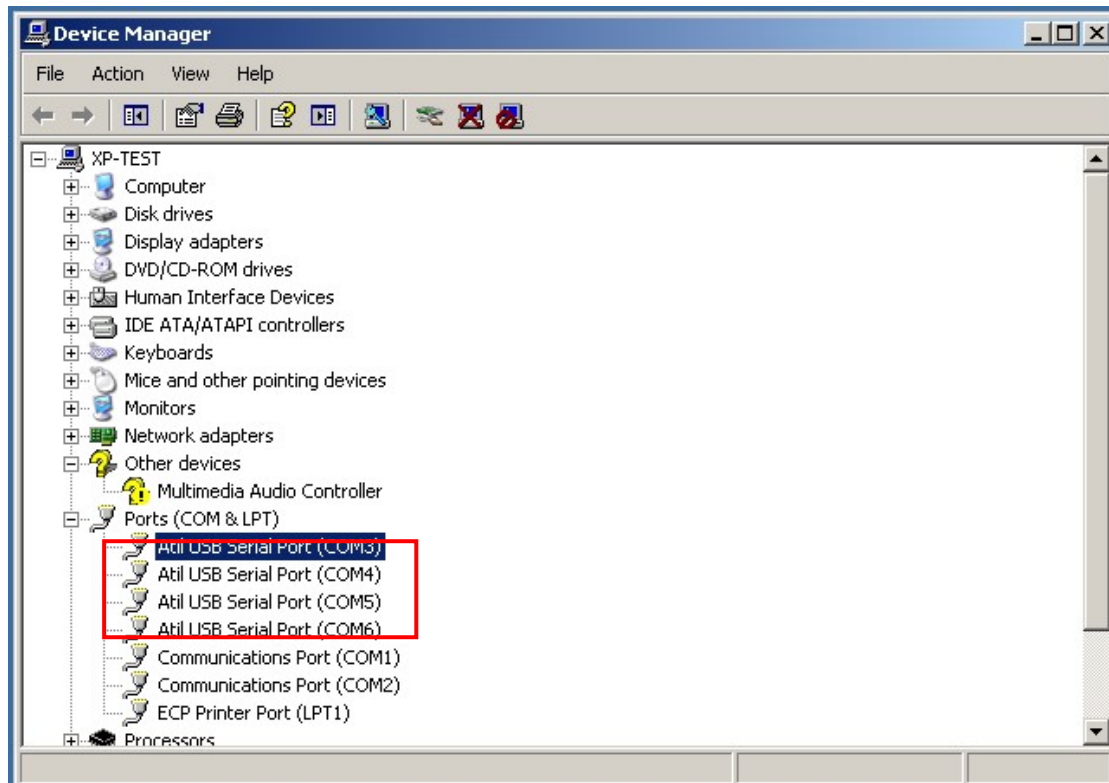
USB to 1port RS232/422/485



USB to 2port RS232

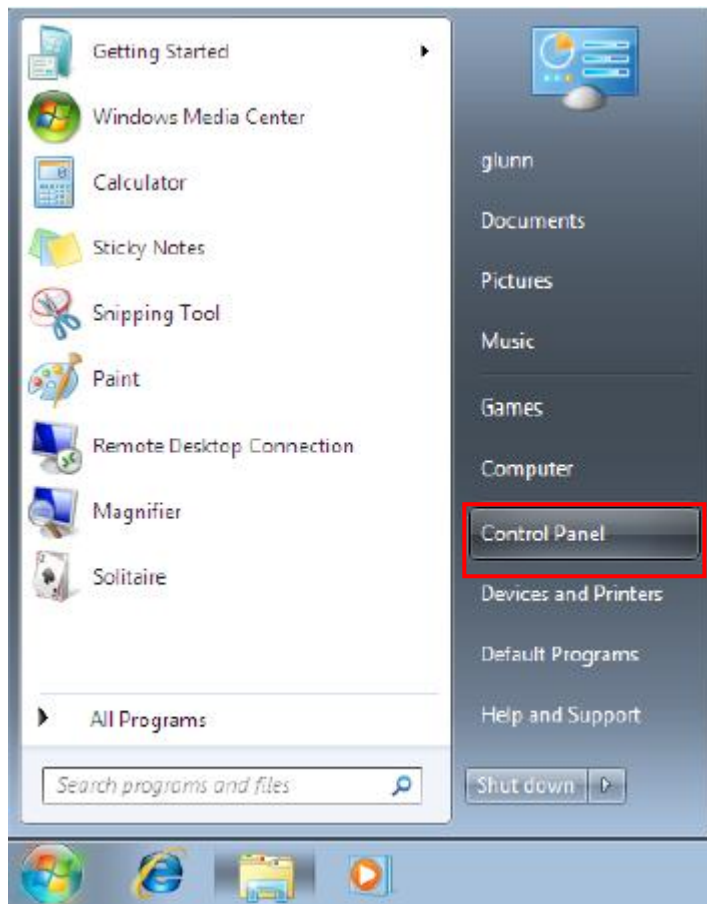


USB to 4port RS232

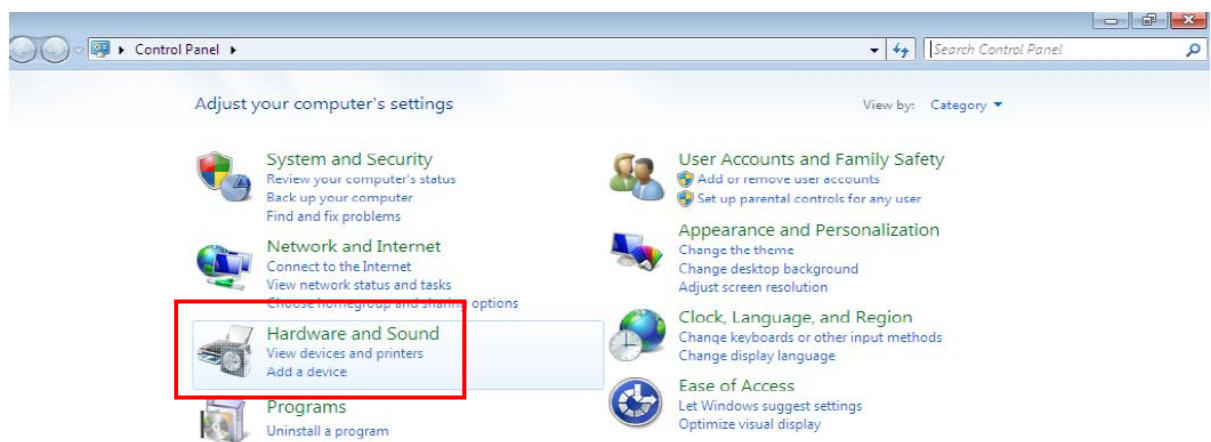


Driver installation guide for windows 7

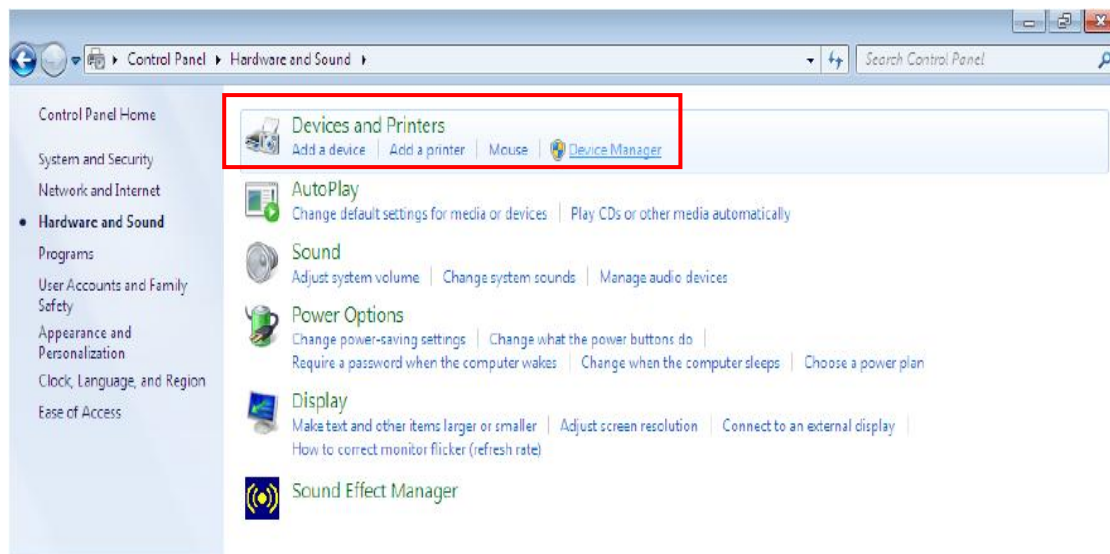
Step 1



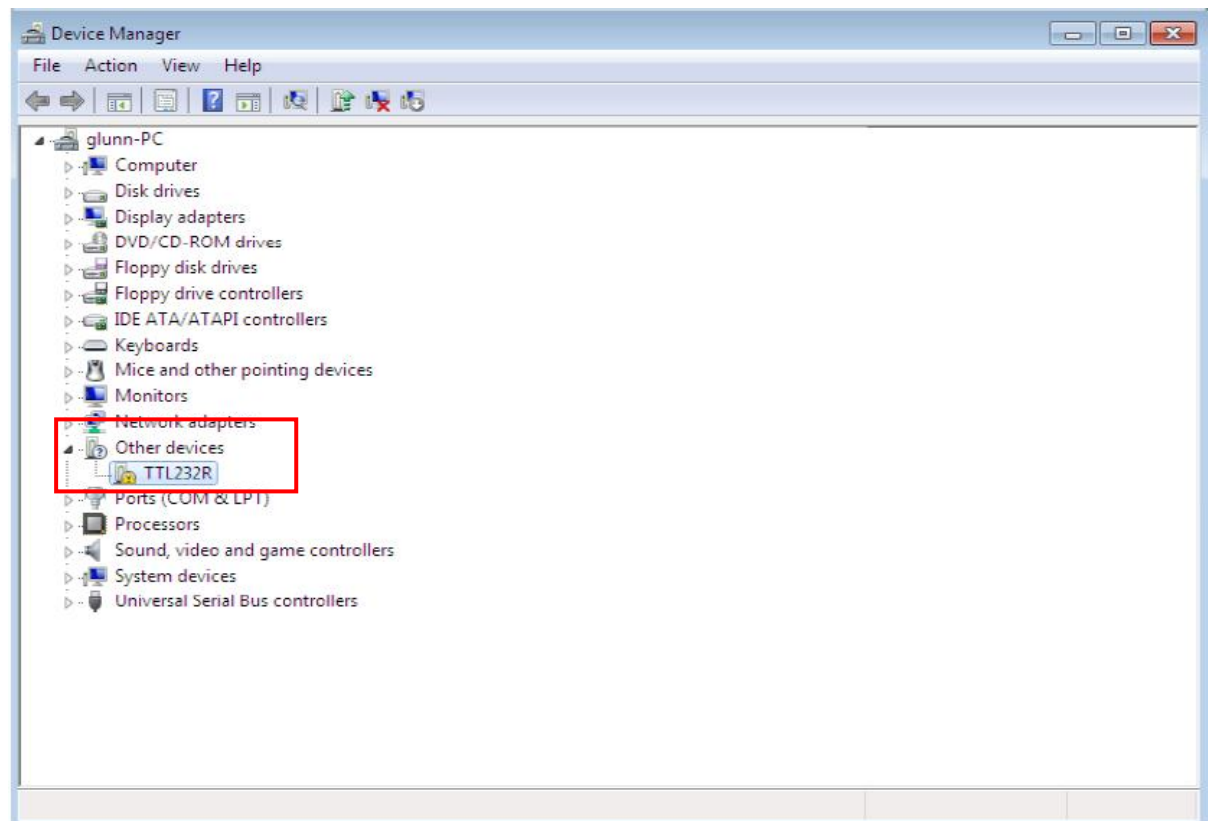
Step2 Hardware and Sound



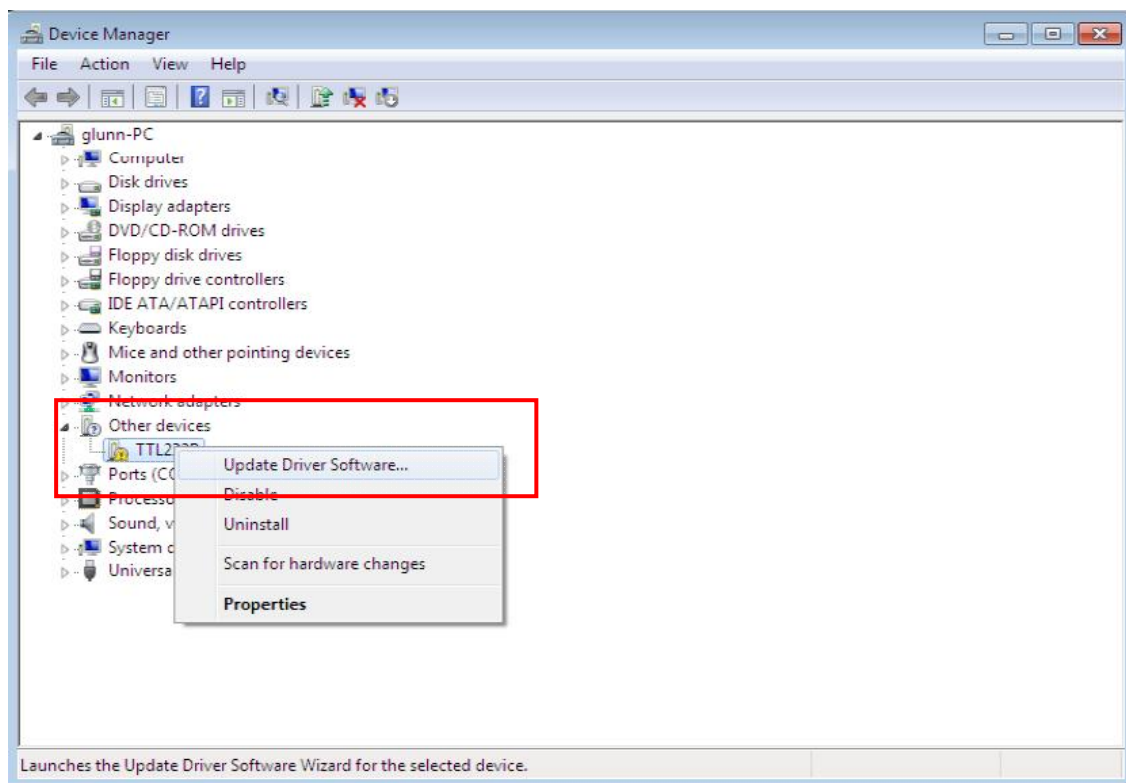
Step3 Devices and Printers



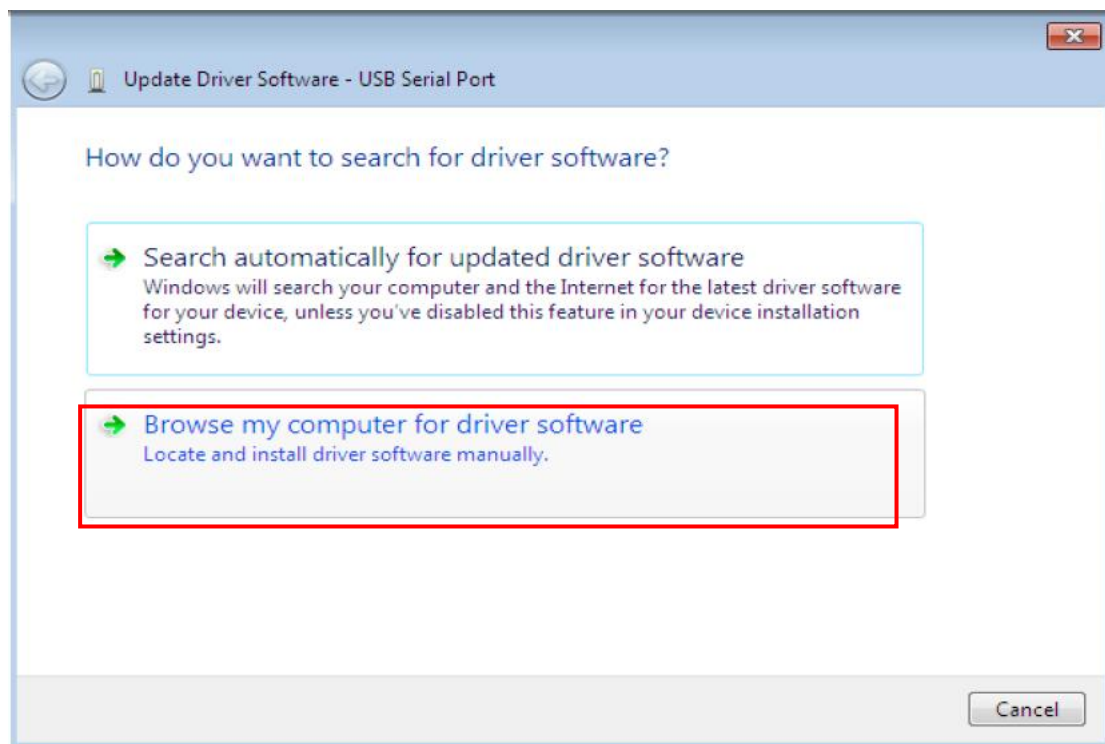
Step 4 Other device



Step 5 Update Driver Software



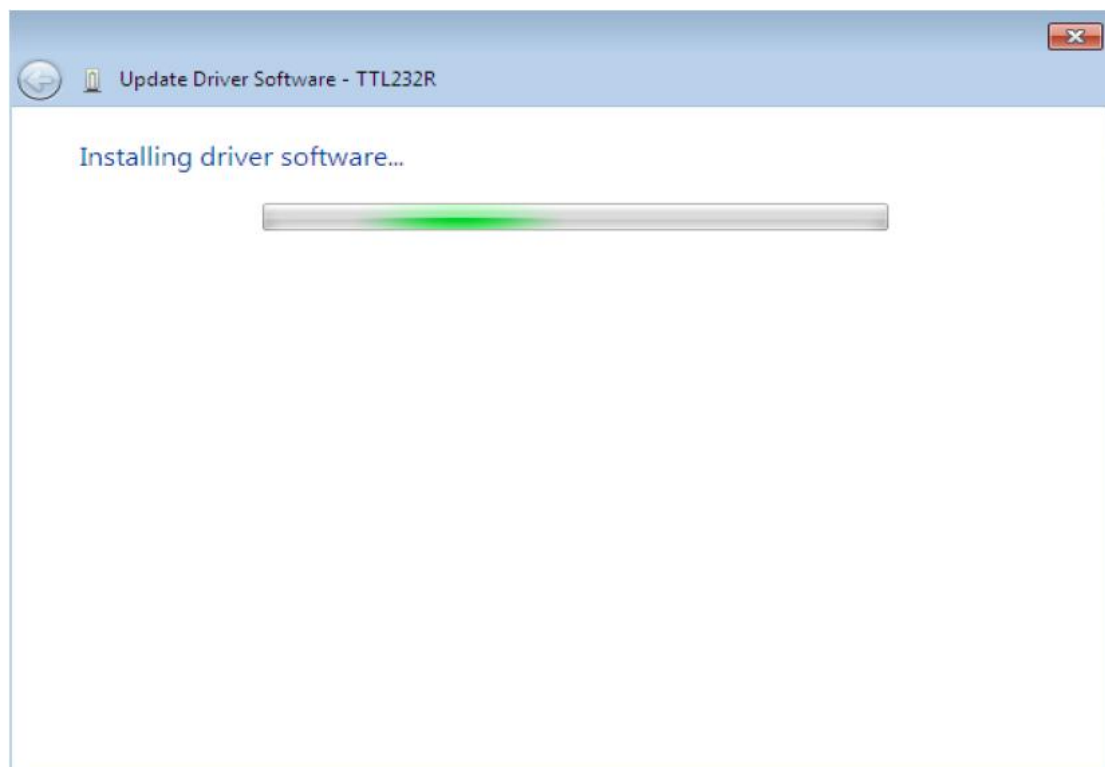
Step 6



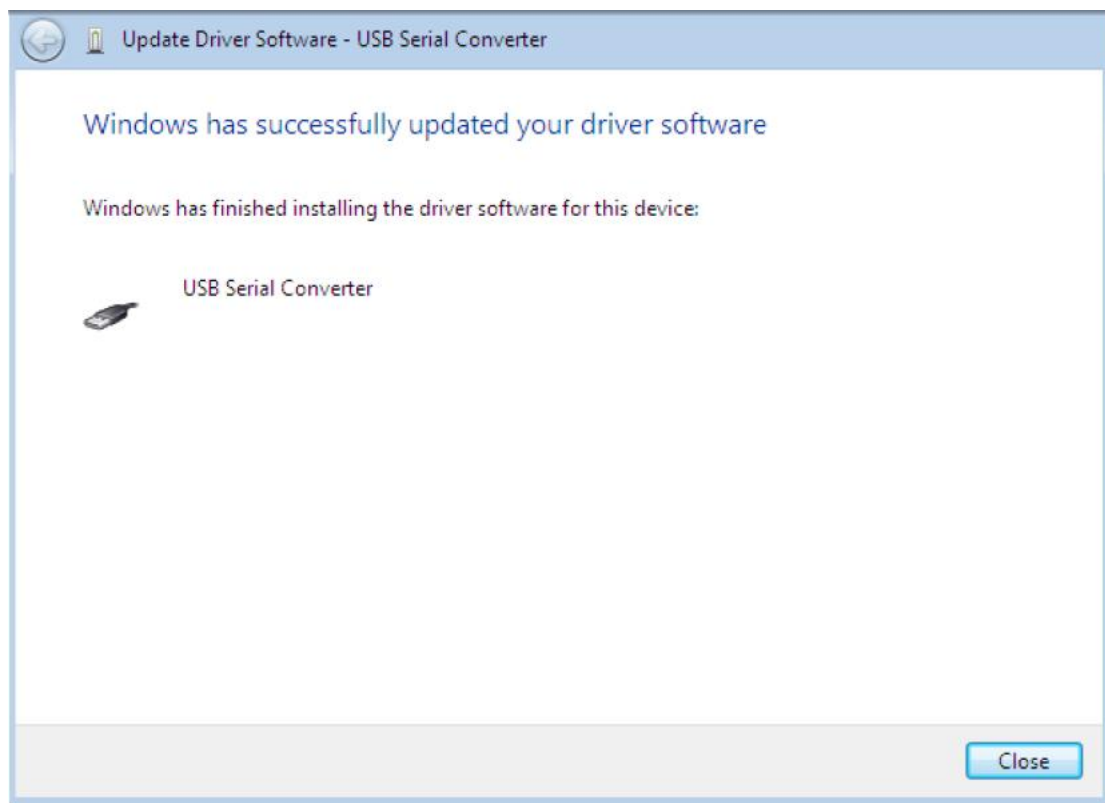
Step 7



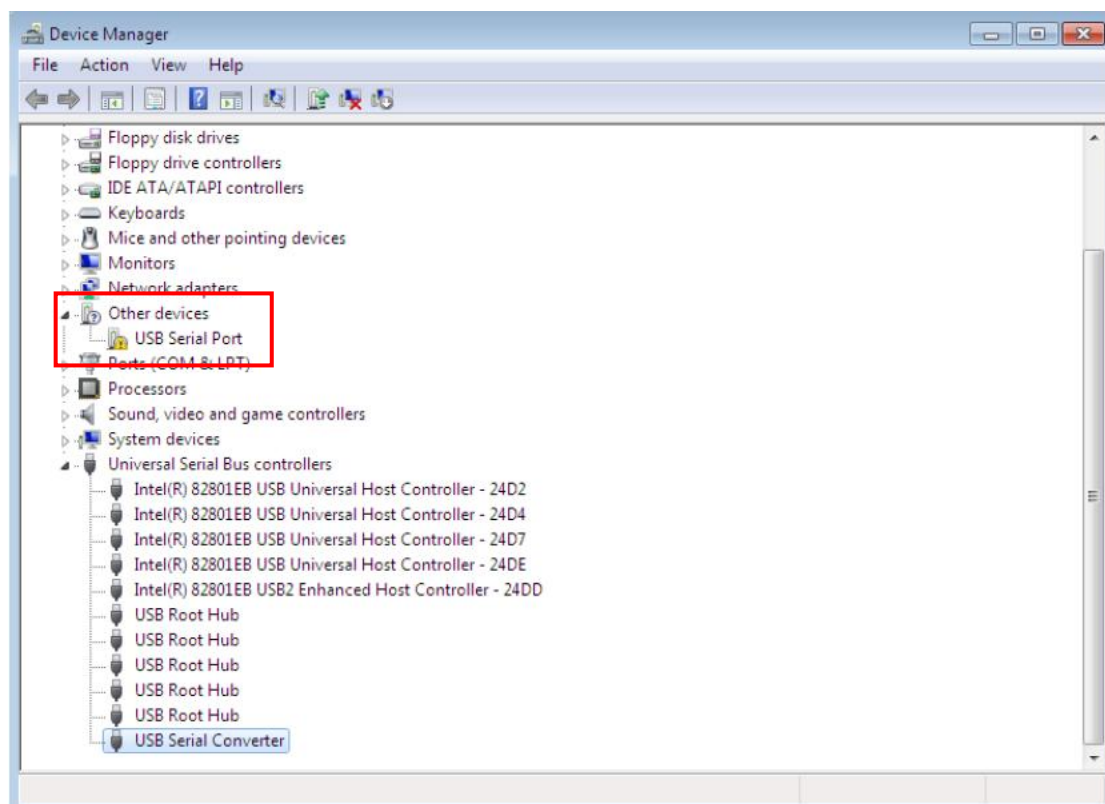
Step 8



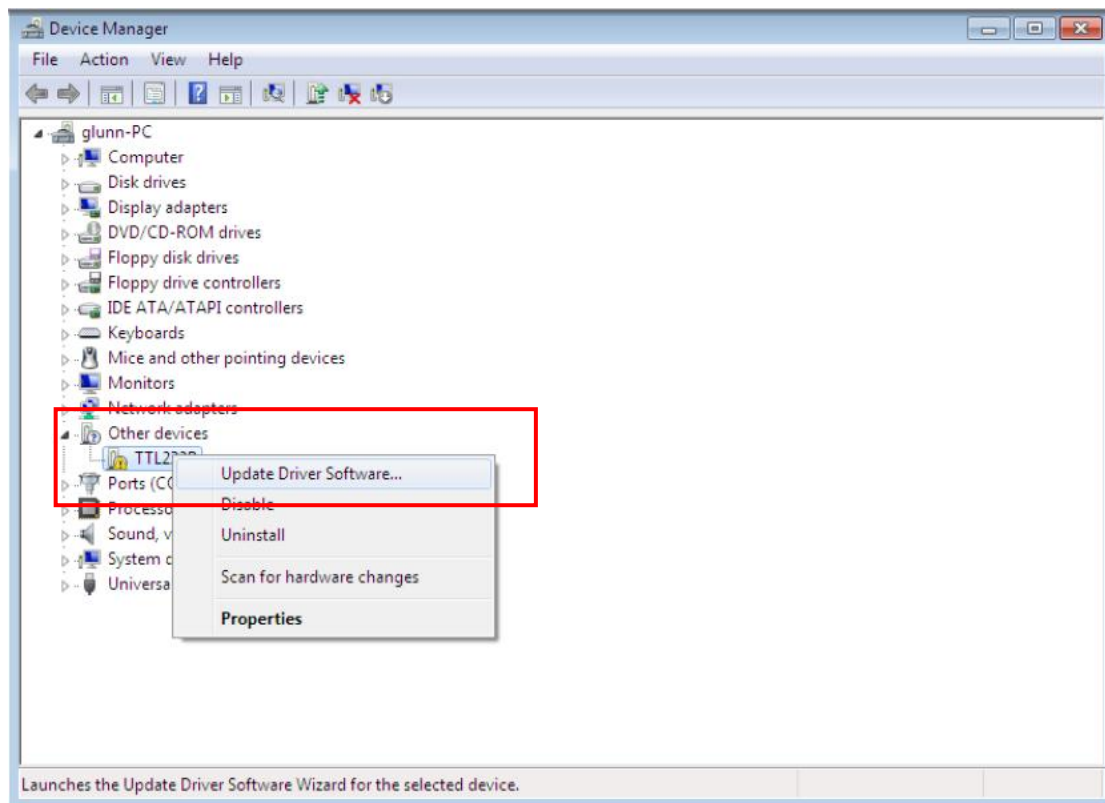
Step 9



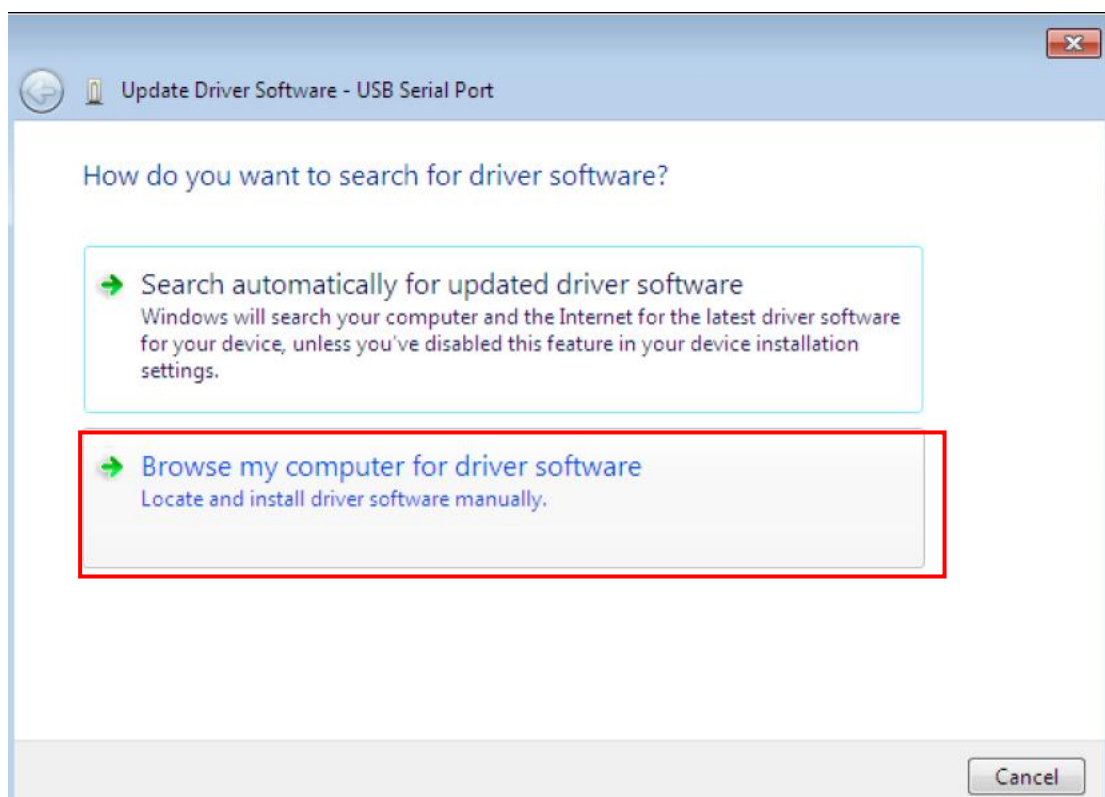
Step 10 USB Serial Port



Step 11 Update Driver Software



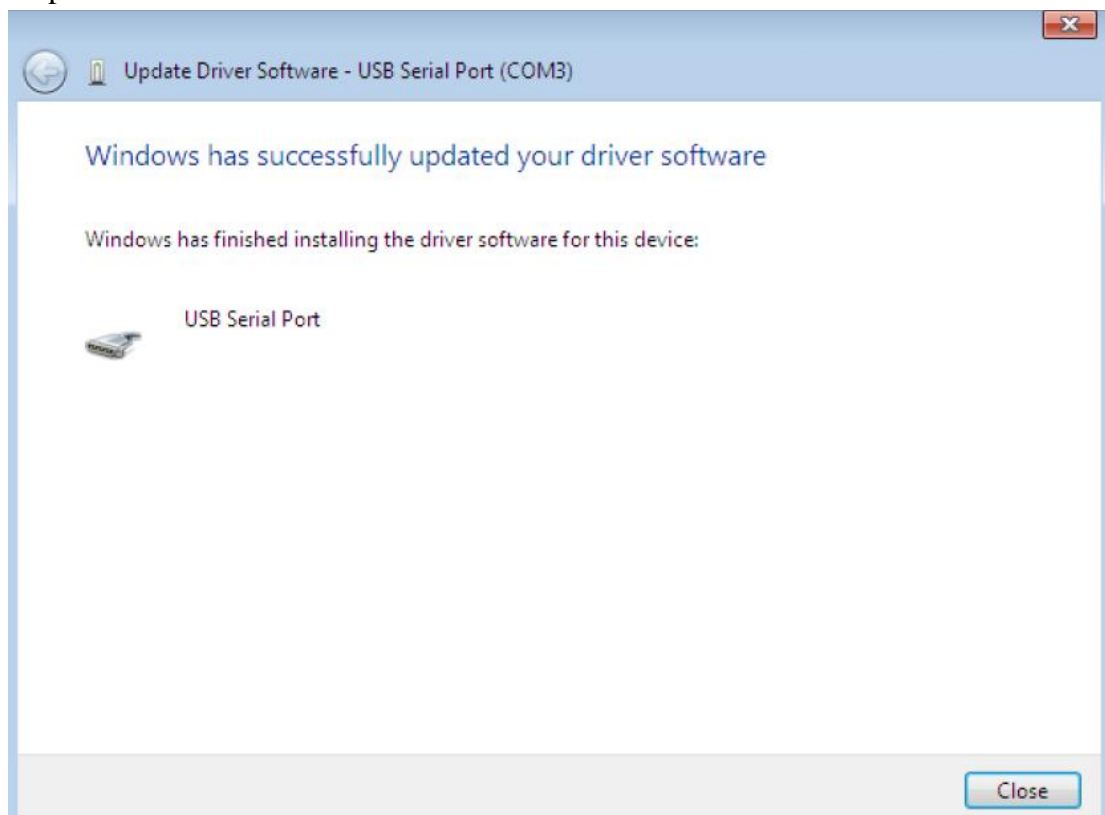
Step 12



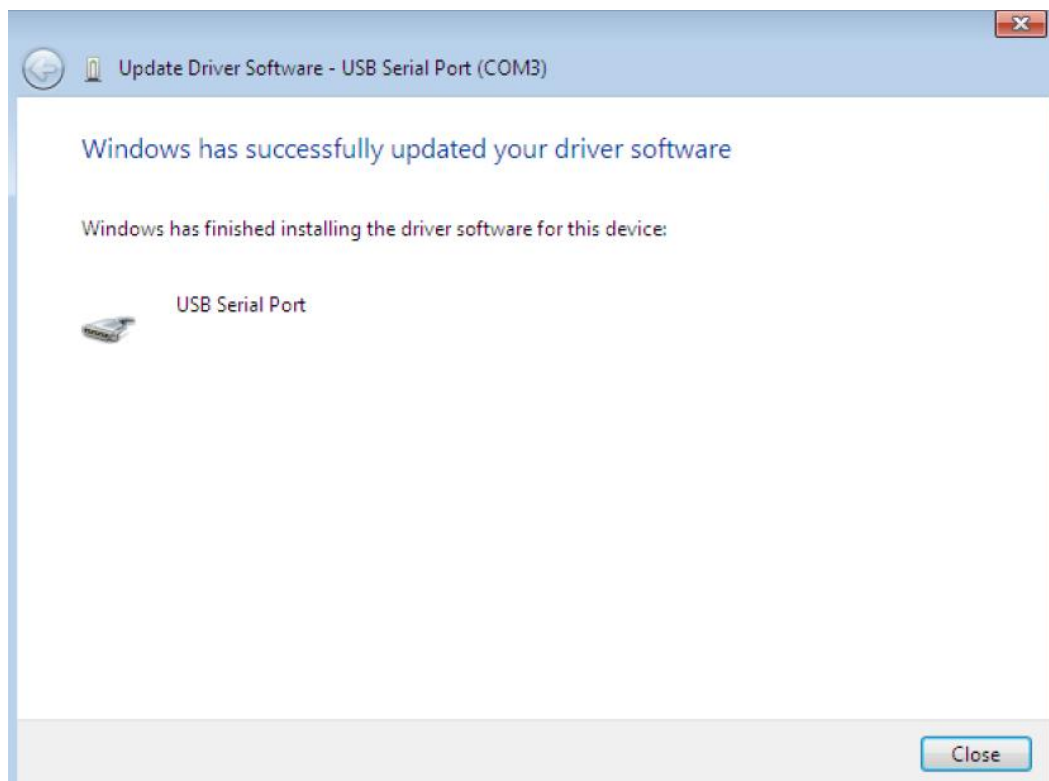
Step 13



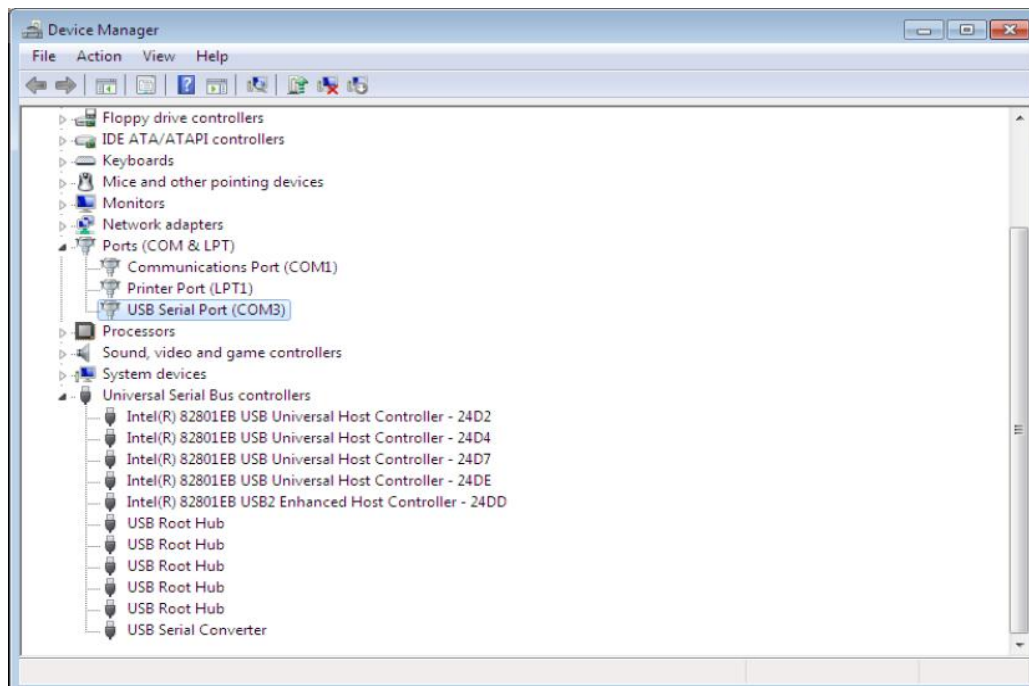
Step 14



Step 15



Step 16



US-102 2port Loop STEP 5~16 two next

US-104 4port Loop STEP 5~16 four next

USB to 1port RS232/422/485

Website: www.atil.com.tw