

### Product Features

- Using industrial FTDI Chipset (FT231X)
- Compatible with USB2.0 and USB1.x
- 460.8Kbps maximum baud-rate or serial port
- Drivers provided for Windows (including Vista), Win-CE 6.0, and Linux
- DB9 male connector for RS-485
- LEDs for data flow indicate
- 15 KV ESD protection for all serial port's handshake line.600W surge protect for rs-485 signal



### Specifications

#### USB

**Compliance:** Compatible with USB2.0 and USB1.x

**Connector:** USB type A

**Speed:** 12 Mbps (Full-Speed USB)

**I/O Address:** Assigned by BIOS

**IRQ:** Assigned by BIOS

**FIFO:** 64 bytes

#### Serial Interface

**Connectors:** DB9 male

**Baud-rate:** 50 bps to 921.6Kbps

**Data Bits:** 5, 6, 7, 8

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**Parity:** None, Even, Odd, Space, Mark

**Flow Control:** XON/XOFF

#### Serial Signals

**RS-485:** 485+, 485-

#### Serial Line Protection

**ESD Protection:** 15 KV embedded for handshake line.600W surge protect for RS-485 signal

#### Driver Support

**Operating Systems:** Windows (2000, XP x86/x64, 2003 x86/x64, Vista x86/x64), WinCE 6.0, Linux 2.6 x86/x64

#### Physical Characteristics

**Housing:** ABS + PC      **Weight:** 100g(no package)

**Dimensions:** 60 x 35 x 17mm (The USB Cable length is 1000mm)

#### Environmental Limits

**Operating Temperature:** -40 to 70°C (-40 to 158°F)

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

### Order Information

ATC-820    1-port RS-485 USB-High Speed Serial Converter

### Contact us

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### Package Checklist

- ATC-820 1 PCS
- Terminal Block Board 1 PCS
- Documentation and software CD 1PCS