# *APORT602*

# IP to Serial Port Converter

◆ 10/100Mbps LAN Connection

◆ **2 isolated RS422/485 Serial Port**

◆ **6 RS232 Serial Port**

◆ **Linux based system board**

★**32bit 100MHz RISC CPU** higher performance than 16bit CPU.

★**Auto-detecting** 10/100Mbps Ethernet interface.

★Support WIN NT/2000/XP **virtual COM driver**.

★Support UNIX & Linux **real TTY** driver.

★Support **TCP server/Client** mode.

★Support **UDP send/receive** mode.

★ Support **WEB,TELNET and terminal setup**.

★ Support **Ground isolated RS422/485** interface

# APORT602　**IP to Serial Port Converter Specification**：

## Hardware Specification:
  * CPU: 32bit 100MHz MIPS CPU.
  * Flash ROM: 16M Byte.
  * SDRAM: 16M Byte.

## Serial port:
  *Interface:
    RS232 in serial port 1 -- 6.
    Ground isolated RS422/485 in serial port 7 & 8.
  *connector: DB9 male.
  *Port Number: 8.
  *speed: upto 230400bps.
  NOTE: console port share with serial port 1.
  NOTE: RS422 or RS485 interface type set by
        DIP switch.
  NOTE: each RS422/485 port with 5 signal pin
        TX+ , TX- , RX+ , RX- , isolated GND
  NOTE: In RS485 interface type support
        Auto-Data-Direction-Control feature.
        Data+ and Data- signal can be in TX+
        and TX- pair or RX+ and RX- pair.

## LAN connection:
  *Interface: 10/100Mbps 100BaseT
  *Connector: RJ45

## Software Compatibility:
  *TCP/IP or UDP/IP connection.
  *WIN NT/2000/XP/Vista Virtual COM driver.
  *LINUX raw TTY driver.
  *SCO UNIX real TTY driver.

## Power Requirement:
  *5VDC @ 1200mA.

## Dimension
  205*135*48mm.

## Environment:
  *Operating temperature: 5--40 ℃.
  *Operating humidity: 10--90%RH.
  *Storage temperature: 0--65 ℃.
  *Storage humidity: 5--90%RH.

## Other relative product information:
  APORT200: IP to two RS232 serial port converter.
  APORT020: IP to two ground isolated RS232 serial port converter.
  APORT101: IP to one RS232 and one ground isolated RS422/485 serial port converter.
  APORT400: IP to four RS232 serial port converter.
  APORT040: IP to four ground isolated RS232 serial port converter.
  APORT202: IP to two RS232 and two ground isolated RS422/485 serial port converter.
  APORT022: IP to two ground isolated RS232 and two ground isolated RS422/485 serial
            port converter.
  APORT800: IP to eight RS232 serial port converter.
  APORT620: IP to six RS232 and two ground isolated RS232 serial port converter.

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