JetPort 5201

Industrial 1-port RS-232 Serial Device Server

- Single, compact RS-232 to Ethernet Solution
- High serial speed up to 460.8kbps
- JetPort Commander, Windows utility for auto discovery, device configuration, multiple devices setup wizard and monitoring
- Versatile serial operation options: Virtual Com, Serial tunnel, TCP server, TCP client, UDP
- Up to 5 simultaneous serial connections
- Configuration by Windows, Web and Telnet
- Event warning by Email, SNMP trap and Syslog
- Virtual COM driver for Windows NT/2000/XP/2003/Vista

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▶ Overview

Jetport 5201 is a smart one RS-232 to Ethernet device server. The serial speed can be as high as 460.8kbps. The serial port can be configured as Virtual Com, Serial tunnel, TCP server, TCP client, UDP mode to communicate with Ethernet. JetPort 5201 supports up to 5 simultaneous Virtual COM, TCP server, TCP client connections for critical redundant solution.

JetPort Commander is an easy-to-use utility for Windows that covers all management, monitoring, and control functions for one or many JetPort servers. Setting up 100 JetPort can be as easy as setting up one JetPort. In addition to Windows configuration, JetPort can be configured by Web and Telnet, giving administrators the flexibility for device management. JetPort 5201 can be wall mounted or din-rail mounted by the din-rail kit.

▶ Small, Compact, Easy to Use

JetPort 5201 is a small RS-232 to Ethernet Device Server. JetPort 5201 equips with compact form-factor, 54.4mm(W) x 79.5mm(H) x22mm(D), can be easily install in the industrial or office network.

If a network environment simply needed a RS-232 interface, JetPort 5201 is the handy solution with easy-to-use management methods, the serial speed can support as high as 460.8Kbps.

JETPORT

⌄ Hassle-Free Configuration

JetPort Commander allows users to discover all JetPorts in a LAN and configure/monitor one or multiple JetPorts simultaneously. All configurations

are run-time change without re-booting the device. JetPort also supports web/telnet console and SNMP for extended network management.

⌄ Flexible Serial Configuration

JetPort supports flexible serial communication mode, including virtual com, TCP server, TCP client, UDP, and serial tunnel. Advanced settings for controlling the data communications such as TCP alive check, delimiter, and timeout are also

supported. For industrial redundant solutions, JetPort supports to maximum 5 simultaneous connections for virtual com, TCP server, TCP client modes, sending to 5 hosts simultaneously.
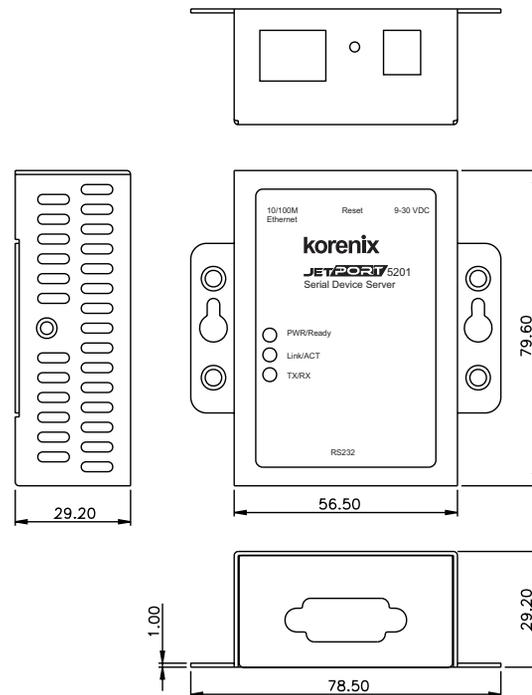
⌄ Event Warning

Jetport 5201 supports Event warning when the pre-configured events occur; the system will send E-mail, SNMP trap and Syslog to administrators. With the

event warning, administrator will be notified if there is a change of the status on the field, thus, take the corresponding action within a short time.

⌄ JetPort 5201 Appearance

10/100M Ethernet
Auto MDI/MDIX

LED
Power, Ethernet
Serial TX/RX

1 RS-232 port,
DB9 Serial Connector

Reset

Power
9~30 VDC

Mounting Ear

⌄ Dimensions

10/100M Ethernet   Reset   9-30 VDC

korenix
JETPORT 5201
Serial Device Server

PWR/Ready
Link/ACT
TX/RX

RS232

79.60

29.20

56.50

1.00

29.20

78.50

JetPort 5201
Industrial 1-port RS232 Serial Device Server

▶ Specification

Network Interface
Ethernet: 1 x 10/100 Base TX

Connector: RJ-45

Feature: Auto MDI/MDI-X, 10/100M Auto-Negotiation

Protection: Built-in 1.5 KV magnetic isolation protection

Protocols: IP, TCP, UDP, ICMP, DHCP, BootP, ARP/RARP, Telnet, SNMP, HTTP, SNTP, SMTP

Serial Communication
Number of Ports: 1

Interface: RS-232

Connectors: Male DB9

Baud Rates: 110 bps to 460.8K bps

Data Bits: 5, 6, 7, 8

Parity: odd, even, none

Stop Bits: 1, 1.5, 2

RS-232: TxD, RxD, RTS, CTS, DTR, DSR, GND, DCD

Flow Control: XON/XOFF, RTS/CTS, DTR/DSR

Serial Line Protection: 15KV ESD

Features
LED:

Power: Startup(Red); Ready(Green)

Ethernet : 10M Link(Orange), 100M Link(Green)

Serial: Transmitting data(Green), Receiving data(Orange)

Configuration: Windows Utility-JetPort Commander, HTTP, Telnet

Serial Service: Virtual COM, TCP Server, TCP Client, TCP Tunnel and UDP

Reset: Software reload default, Hardware reset button

SNTP: For time management

Access IP Table: 16 IP addresses to prevent illegal users

Monitor: Devices' status, VCOM status

SNMP: RFC1213 MIB II, RFC1317 RS232_like and SNMP Trap

E-Mail Alert: Automatic e-mail warning by pre-defined events

System Log: Trap to Syslog server or local display

System Events:

Cold/Warm Start, Login Failed, IP and Password Changed, Access IP Blocked, Serial Port DCD/RI/DSR/CTS changed, Serial Port connected/disconnected.

TTY Driver: Fixed TTY driver for Linux

Windows Utility
JetPort Commander:

Device Discovery, Auto IP, Network Setting, Device and Serial Port Setting and monitoring, Notification setting, Firmware Upgrade, Configuration Backup and Restore, Group Configuration Wizards.

Serial Service Mode:

Virtual COM, TCP Server, TCP Client, TCP Tunnel and UDP

Advanced Serial Setting:

TCP Alive Check Timeout, Inactivity Idle Timeout, Performance mode, Delimiter, Force TX Timeout for Data Packing and Force TX interval time

Group Configuration Wizard:

JetPort Commander: Group IP Wizard, Group firmware upgrade, Group Backup/Restore, VCOM and TCP Tunnel Setup Wizard

Power Requirements
System Power:

DC Jack: 9-30VDC

Power Line protection:

1 KV Burst (EFT), EN61000-4-4

0.5 KV Surge, EN61000-4-5

Mechanical
Dimensions: 78.5mm(W)x79.6mm(D)x29.2mm(H)

Environmental
Operating Temperature: 0 ~ 60℃

Operating Humidity: 5% ~ 95%, (non-condensing)

Storage Temperature: -40 ~ 85℃

Warranty: 5 years

▶ Ordering Information

JetPort 5201 1-port RS-232 Serial Device Server

Includes:

- 1-port RS-232 Serial Device Server
- Quick Installation Guide
- 100V ~ 240V power adapter
- Din-Rail kit and foot pads
- Documentation and Software CD-ROM