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 2000/XP/2003/Vista

RoHS

Overview

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

The 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, the JetPort can be configured by Web and Telnet, giving administrators the flexibility for device management. The JetPort 5201 can be wall mounted or din-rail mounted by the din-rail kit.

Small, Compact and Easy to Use

The JetPort 5201 is a small RS-232 to Ethernet Device Server. The JetPort 5201 is equipped with compact form-factor, 78.5mm(W)x79.6mm(D) x29.2mm(H), which can be easily installed in the industrial or office network.

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

Hassle-Free Configuration

The JetPort Commander allows users to discover all JetPorts in a LAN and configure/monitor one or multiple JetPorts simultaneously. All configurations are run-time changes without re-booting the device. The JetPort also supports web/telnet console and SNMP for extended network managements.

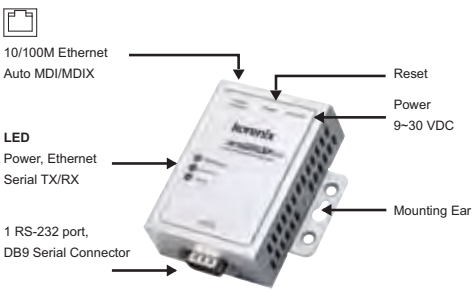
Flexible Serial Configuration

The JetPort supports flexible serial communication modes, including virtual com, TCP server, TCP client, UDP, and serial tunnel. The advanced settings for controlling the data communications such as TCP alive check, delimiter, and timeout are also supported. For industrial redundant solutions, The JetPort supports to maximum 5 simultaneous connections for virtual com, TCP server, TCP client modes, to send data to 5 hosts simultaneously.

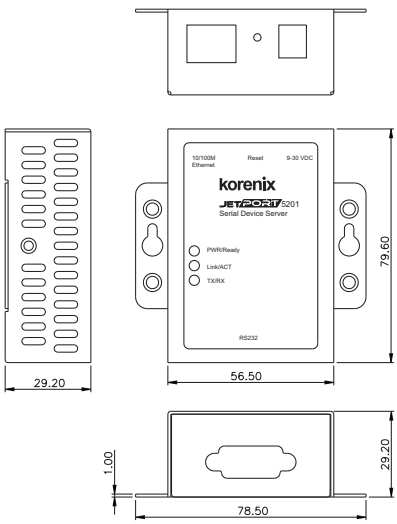
Event Warning

The 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, administrators will be notified if there is a change of the status on the field; thus, they're able to take the corresponding action within a short time.

JetPort 5201 Appearance



Dimensions (Unit –mm)



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.

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
Power Consumption: Maximum 2.6 Watts

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

Art. No. 112628 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