

# JetPort 5604

## Industrial 4-port Redundant Serial Device Server



CE FC  RoHS

- 4-ports RS-232/422/485 to redundant Ethernet
- RTTD, Redundant to the Device function Dual Ethernet ports, network auto-recovery in Less Than 200ms
- Four Digital Inputs and Two Digital Outputs
- Redundant Power Inputs by 12-48VDC Terminal Block and DC Jack
- Independent serial services, Virtual COM, TCP Server/Client/ Tunnel and UDP Connections
- JetPort Commander, Easy-to-use Windows Utility with smart setup Wizards
- Secured Management by HTTPS and SSH
- Event Notification by Syslog, Email, SNMP trap and Digital Output
- Vertical mounting by DIN Rail, Wall mount/Desk-top

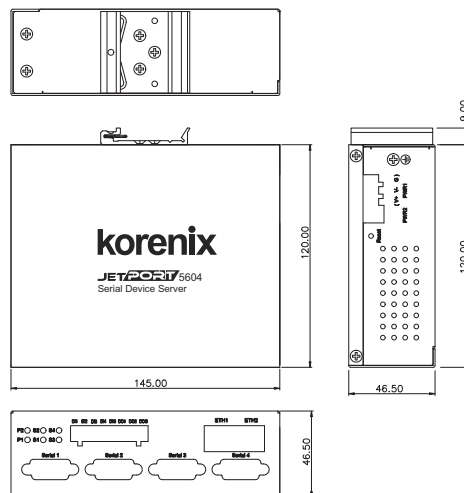
### Overview

The JetPort 5604 series is a 4-port Redundant Serial Device Server. The JetPort 5604 provides four 3-in-1 RS232/422/485 serial interfaces. Users can use one IP address and Redundant Ethernet paths (RTTD Technology) to control 4 serial devices as max. over the Ethernet. To configure the JetPort Commander,

users can operate through the Windows utility or choose HTTPS/SSH for secured management.

The JetPort 5604 series is also equipped with two types of power inputs, four 5V TTL Digital Inputs and two Digital Outputs. These are value-added features for users to construct the field installations.

### Dimensions (Unit –mm)



## Specification

### Network Interface

**Ethernet:** 2\* 10/100BaseTX, Redundant Dual Ethernet  
**Connector:** RJ-45, Auto MDI/MDI-X  
**Feature:** Auto Recovery in less than 200ms  
**Protection:** Built-in 1.5 KV magnetic isolation protection  
**Protocols:** IP, TCP, UDP, ICMP, DHCP, BootP, ARP/RARP, SNMP, HTTPS, SSH, SNTP, SMTP

### Serial Communication

**Number of Ports:** 4  
**Interface:** RS-232/RS422, 2/4-wire RS485  
**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  
**RS-422:** Tx+,Tx-, Rx+, Rx-,GND  
**RS-485 (4-wire):** Tx+,Tx-, Rx+, Rx-,GND  
**RS-485 (2-wire):** Data+, Data-,GND  
**Flow Control:** XON/XOFF, RTS/CTS, DTR/DSR  
**Serial Line Protection:** 15KV ESD  
**Long Distance Termination:** 2\*pin 120ohm DIP switches

### Digital Input/Output

**Number of DI:** 4  
**Power Input voltage:** 5V/TTL  
 Logic 0: 0.8V max (0-0.8V)  
 Logic 1: 2.0V min (2-5V)  
**Number of DO:** 2  
**Power Output voltage:** 5V/TTL  
 Logic 0: 0.8V max (0-0.8V)  
 Logic 1: 2.0V min (2-5V)

### Features

**LED:** Power 1/Power 2: Startup(Red); Ready(Green)  
 Ethernet port:  
 Left:100M Link (Green On)/Activity(Green Blinking)  
 Right:10M Link (Orange On)/Activity(Orange Blinking)  
 Serial 1/2/3/4:TX only(Green), RX only(Red), Both RX/TX(Orange)  
**Configuration:**  
 Windows Utility-JetPort Commander, HTTPS, SSH  
**Serial Service:** Virtual COM, TCP Server, TCP Client, TCP Tunnel and UDP  
**Reset:** Software reload default, Hardware reset button

**Beeper:** Embedded beeper for positioning  
**RTTD:** Redundant to the Device, Auto-recover in less than 200ms  
**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, DI/DO changed, 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:**  
 PWR1: 12~48VDC Terminal Block  
 PWR2: 12~48VDC Power Jack with Power Adapter  
**Power Line protection:**  
 1 KV Burst (EFT), EN61000-4-4  
 0.5 KV Surge, EN61000-4-5  
**Power Consumption:** Maximum 4.3 Watts

### Mechanical

**Dimensions:** 145mm(W)x46.5mm(H)x120mm(D)  
**Regulatory Approvals:** FCC Class A, CE Class A, UL, RoHS

### Environmental

**Operating Temperature:** -10 ~ 70°C  
**Operating Humidity:** 5% ~ 95%, (non-condensing)  
**Storage Temperature:** -40 ~ 85°C  
**Warranty:** 5 years

- Industrial PoE Switch
- IP67/68 Ethernet Switch
- Rackmount Managed Switch
- Gigabit Switch
- Redundant Switch
- Entry-Level Switch
- Networking Computer
- Communication Computer
- Ethernet I/O Server
- Serial Device Server
- Media Converter
- Multiport Serial Card
- SFP Module
- Din Rail Power Supply

## Ordering Information

### JetPort 5604 Industrial 4-port RS-232/422/485 Redundant Serial Device Server

Includes:

- 4-port RS-232/RS422/RS485 Redundant Serial Device Server
- Quick Installation Guide
- 100-240VAC power adapte
- Din-Rail kit and foot pads
- Documentation and Software CD-ROM