

## INDUSTRIAL SERIAL DEVICE SERVER

### 1-port RS-232/422/485 Serial Device Server

# JetPort 5601



The JetPort 5601 is a RS-232/422/485 to Redundant Ethernet Serial Device Server. The serial interface is configurable in software and supports speed as fast as 921.6kbps. Dual Ethernet ports can support RTTD (Redundant to the Device) that can auto-recover in less than 200ms if the primary link breaks, as a result guaranteeing a non-stop connection. JetPort 5601 is also equipped with two types of power inputs, the terminal block and power jack.

The JetPort 5601 can be configured by the JetPort Commander, an easy-to-use utility for Windows, that covers all management, monitoring, and control functions for one or multiple JetPort servers.

RS232/  
422/485

Dual  
Ethernet

Dual  
Power

Real/Virtual  
COM

JetPort  
Commander

## Features

- ▶ 3-in-1 RS232, RS422, RS485 to Redundant Ethernet Solution
- ▶ Max. Serial Speed: 921.6 kbps
- ▶ Dual Ethernet Ports for Daisy Chain or RTTD (Redundant to the Device, Auto-Recovery in less than 200ms)
- ▶ Dual Power Inputs by 12-48VDC Terminal Block and 9-30V DC Jack.
- ▶ Secured Management by HTTPS and SSH.
- ▶ JetPort Commander, Korenix Windows Utility for Device Discovery, Multiple Device Setting and Monitoring.
- ▶ Versatile Serial Modes: Real/Virtual Com, Serial Tunnel, TCP Server, TCP Client, UDP
- ▶ Up to 5 Simultaneous Real/Virtual COM, TCP Server, TCP Client Connections
- ▶ Event Warning by Syslog, Email, SNMP trap
- ▶ Supports Windows 10/8/7/Vista/XP/2000/2003/2008
- ▶ Operating Temperature: -20-70°C



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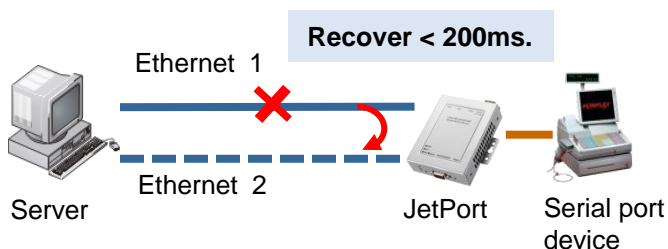
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## World's First RTTD Technology

### RTTD, Redundant to the Device

JetPort 5601 provide dual Ethernet ports. When the dual Ethernet ports are connected, only one path will be activated, this is known as Primary path. The un-activated path will be the Backup path. When the primary path is down, the backup path will recover connection in less than 200ms.



### Inter-connect RTTD with Super Ring

JetPort RTTD technology works well with JetNet Super Ring technology, which provides complete redundant solution from network infrastructure to the serial devices.

## JetPort Commander

### Easy-to-Use Windows Utility and Smart Wizards

JetPort Commander is an friendly Windows Utility for device discovery, multiple device setting and monitoring. The group setup wizard includes Virtual COM Wizard, Group Setup Wizard, Group Firmware Wizard, Serial Tunnel Wizard and Group IP Wizard.

### Up to 5 simultaneous connections

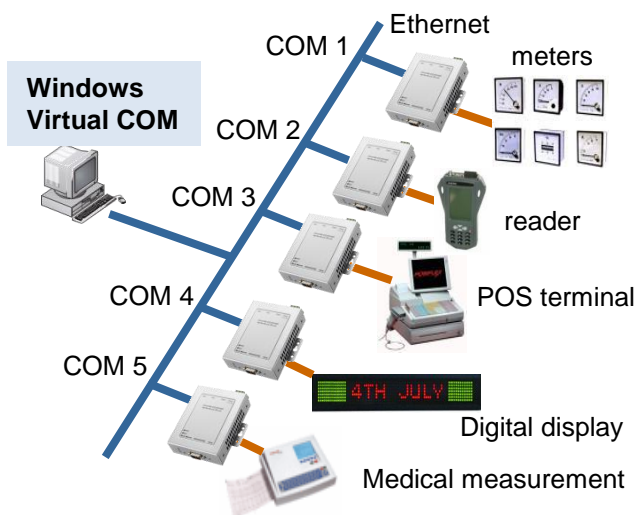
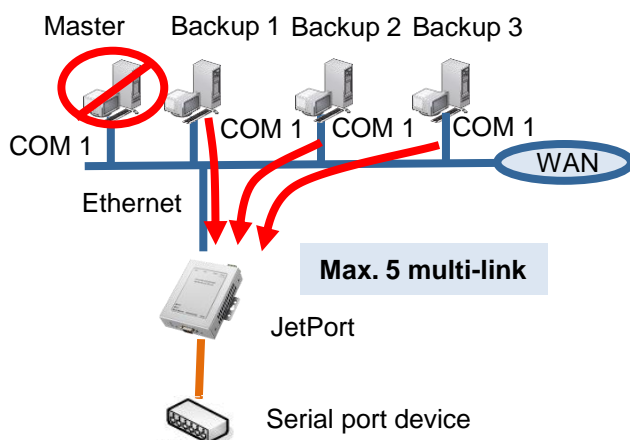
JetPort series provide up to five simultaneous Virtual COM, TCP Server, TCP Client, TCP Tunnel and UDP connections. You can easily connect to the serial devices over Ethernet and plan your serial to Ethernet applications.

### Windows Virtual COM

JetPort can be accessed by the Windows as the virtual COM port. Do not have to modify the existing program to upgrade the latency serial communications into serial over IP application.

### TCP/UDP Socket

JetPort can be configured as TCP Server, to listen to TCP connection request, or as TCP Client, to actively request TCP connection to send data, or as UDP mode for multiple destination transmission.

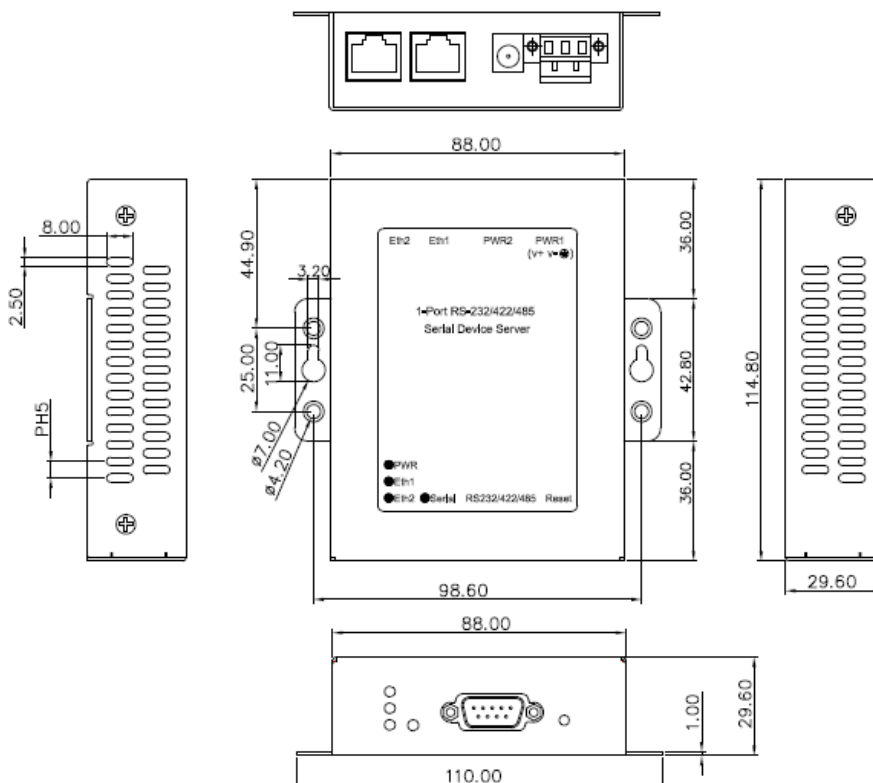


## Specification

Network Interface	
Ethernet	2 x 10/100BaseTX Ports
Connector	RJ-45 Auto MDI/MDI-X
Feature	Redundant Dual Ethernet, auto-recovery in less than 200ms
Protection	Built-in 1.5 KV magnetic isolation protection
Protocols	IP, TCP, UDP, ICMP, DHCP, BootP, ARP/RARP, SSH, SNMP, HTTPS, SNMP, SMTP
Serial Communication	
Serial Ports	1 x RS-232,RS-422, 2/4-wire RS-485
Connectors	Male DB9
Baud Rates	50 bps to 921.6K bps
Data Bits	7, 8
Stop Bits	1, 2
Parity	None, Even, Odd, Space, Mark
RS-232	DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS,RI
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
Serial Line Protection	15KV ESD
Long Distance Termination	120ohm
Features	
LED	Power : Power On(Green) Ethernet 1/Ethernet 2 : 10/100M Link(Green) Serial: Transmitting data(Green), Receiving data(Red)
Configuration	Windows Utility-JetPort Commander, HTTPS, SSH
Serial Service	Real/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, Real/Virtual COM 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 Event	Cold/Warm Start, Login Failed, IP and Password Changed, Access IP Blocked, Serial Port DCD/RI/DSR/CTS changed, Serial Port connected/disconnected.
Real COM	32bit & 64bit OS

Windows Utility	
Windows OS	Win 10/8/7/Vista/XP/2008/2003/2000
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	Real/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, Force TX interval time, Force TX data length and Long Distance Termination
Group Configuration Wizards	JetPort Commander: Group IP Wizard, Group firmware upgrade, Group Backup/Restore, Real/Virtual COM and TCP Tunnel Setup Wizard
Power Requirements	
System Power	PWR1: 12-48VDC with 3-pin Terminal Block PWR2: 9-30VDC Power Jack
Power Line Protection	1 KV Burst (EFT), EN61000-4-4 0.5 KV Surge, EN61000-4-5
Power Consumption	Maximum 3.7 Watts
Mechanical	
Dimension	110mm(W) x 114.8mm(D) x 29.6mm(H)
Regulatory Approvals	FCC Class A, CE Class A, UL(compliance), RoHS
Environmental	
Operation Temperature	-20-70°C
Operation Humidity	5%-95%, (non-condensing)
Storage Temperature	-40-85°C
Warranty	5 years

## Dimension (Unit = mm)



## Ordering Information

JetPort 5601 Industrial 1-port RS232/422/485 Device Server Includes:

- ▶ JetPort 5601 Serial Device Server
- ▶ Mounting kit
- ▶ Quick Installation Guide

## Optional Accessories

The operating temperature of power adapter is 0-40°C, if the working temperature is over this range, please use DC terminal block power input on JetPort 5601(Operating Temperature: -20-70°C).

Power Adapter	
PWA1208-US	Power Adapter 12VDC 0.8A, 100-240VAC US plug
PWA1208-EU	Power Adapter 12VDC 0.8A, 100-240VAC EU plug
PWA1208-UK	Power Adapter 12VDC 0.8A, 100-240VAC UK plug
PWA1208-AU	Power Adapter 12VDC 0.8A, 100-240VAC AU plug



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