

## Specification

### Network Interface

**Ethernet:** 100BaseFX

**Connector:** 100BaseFX: Duplex SC

**Cables:** Multi-mode fiber: 50/125um or 62.5/125um, max. distance 2KM

Single-mode fiber: 8/125um, 9/125um or 10/125 um, max. distance 30KM

#### Fiber Transceiver:

JetPort 5601f-m, Multi-mode: 2KM max. distance

Wave-length: 1310nm

Min Tx Power:-19dBm

Max Tx Power:-14dBm

Min Rx Sensitivity:-30dBm

Link budget:11dBm

JetPort 5601f-s, Single-mode: 30KM max. distance

Wave-length:1310nm

Max Tx Power:-8dBm

Min Tx Power:-15dBm

Min Rx Sensitivity:-34dBm

Link budget:19dBm

**Protocols:** IP, TCP, UDP, ICMP, DHCP, BootP, ARP/RARP, SNMP, HTTPS, SSH, SNTP, SMTP

### Serial Communication

**Number of Ports:** 1

**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:** Tx+, Rx+, 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

### Features

**LED:** Power 1/Power 2: Startup(Red); Ready(Green)

Ethernet 1/Ethernet 2 : 10M Link(Orange), 100M

Link(Green)

Serial: Transmitting data(Green), Receiving data(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

**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:

PWR1: 12~48VDC Terminal Block

PWR2: 9~30VDC Power Jack with Power Adapter

**Power Line protection:** 1 KV Burst (EFT), EN61000-4-4 0.5 KV Surge, EN61000-4-5

### Mechanical

**Dimensions:** 96.1mm(W)x99mm(D)x29.6mm(H)

**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

## Ordering Information

### JetPort 5601f -m 1-port RS-232/RS422/RS485 Fiber Serial Device Server,multi-mode/2KM

Includes:

- 1-port RS-232/RS422/RS485 Fiber Serial Device Server One Fiber Port,multi-mode
- Quick Installation Guide, Documentation and Software CD-ROM,Din-Rail kit and foot pads
- 100V - 240V power adapter

### JetPort 5601f -s 1-port RS-232/RS422/RS485 Fiber Serial Device Server, single-mode/30KM

Includes:

- 1-port RS-232/RS422/RS485 Fiber Serial Device Server One Fiber Port,single-mode
- Quick Installation Guide, Documentation and Software CD-ROM, Din-Rail kit and foot pads
- 100V - 240V power adapter