

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: 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

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

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