

Item no.: 385564

NPORT 6650-8 - 8-port RS-232/422/485 to Ethernet secure terminal server, 100 to 240 VAC input

from **1.097,28 EUR**

Item no.: 385564
shipping weight: 3.50 kg
Manufacturer: MOXA



Product Description

Moxa's terminal servers are equipped with the specialized functions and security features needed to establish reliable terminal connections to a network, and can connect various devices such as terminals, modems, data switches, mainframe computers, and POS devices to make them available to network hosts and process.

8-port RS-232/422/485 to Ethernet secure terminal server, 100 to 240 VAC input

MemorySD Slot- Up to 32 GB (SD 2.0 compatible)

Input/Output Interface

Alarm Contact Channels- Resistive load: 1 A @ 24 VDC

Ethernet Interface10/100BaseT(X) Ports (RJ45 connector)- 1- Auto MDI/MDI-X connection

Magnetic Isolation Protection- 1.5 kV (built-in)

Compatible Modules- NM Series expansion modules for optional extension of RJ45 and fiber Ethernet ports

Ethernet Software Features

Configuration Options- Web Console (HTTP/HTTPS)- Windows Utility- Device Search Utility (DSU)- MCC Tool- Serial Console- Telnet/SSH Console

Management- ARP- BOOTP- DHCP Client- DNS- HTTP- ICMP- IPv4/IPv6- LLDP- PPPOE- SMTP- SNMPv1/v2c/v3- SNTP- TCP/IP- Telnet- UDP

Windows Real COM Drivers- Windows 11/10/8.1/8/7/Vista/XP/ME/98/95- Windows Server 2022/2019/2016/2012 R2/2012/2008 R2/2008/2003- Windows Embedded CE 6.0/5.0, Windows XP Embedded

Linux Real TTY Drivers- Kernel versions 6.x, 5.x, 4.x, 3.x, 2.6.x, and 2.4.x

Fixed TTY Drivers- macOS Versions: 11.x, 10.12 to 10.15- SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6.x, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS X

ARM®-based Platform Support- Linux Kernel 5.x/4.x

Virtual Machine- VMWare ESXi (Windows 11/10)- VMware Fusion (Windows on macOS 10.12 to 11.x)- Parallels Desktop (Windows on macOS 10.12 to 11.x)

Android API- Android 3.1.x and later

MIB- MIB-II

Time Management- SNTP Client

Unicast Routing- RIPV1/V2- Static Route

Security Functions

Authentication- Local database- RADIUS- TACACS+

Encryption- HTTPS- AES-128- AES-256- HMAC- RSA-1024- SHA-1- SHA-256- SHA-384

Security Protocols- HTTPS (TLS 1.2)- SNMPv3- SSHv2

Serial InterfaceConnector- 8-pin RJ45

No. of Ports- 8

Serial Standards- RS-232- RS-422- RS-485

Secure Operation Modes- Reverse SSH- Secure Pair Connection- Secure Real COM- Secure TCP Client- Secure TCP Server- SSH

Standard Operation Modes- Disabled- Ethernet Modem- Pair Connection- PPP- Printer- Real COM- Reverse Telnet- RFC2217- TCP Client- TCP Server- Terminal- UDP

Baudrate- 50 bps to 921.6 kbps (supports non-standard baudrates)

Console Port- RS-232 (Tx, Rx, GND), 8-pin RJ45 (19200, n, 8, 1)

Data Bits- 5, 6, 7, 8

Stop Bits- 1, 1.5, 2

Parity- None- Even- Odd- Space- Mark

Flow Control- RTS/CTS- DTR/DSR- XON/XOFF

Pull High/Low Resistor for RS-485- 1 kilo-ohm, 150 kilo-ohms

RS-485 Data Direction Control- Automatic Data Direction Control (ADDC)

Terminator for RS-485- 120 ohms

Serial Signals

RS-232- Tx, Rx, DTR, DSR, DCD, GND

RS-422- Tx+, Tx-, Rx+, Rx-, GND

RS-485- 4w- Tx+, Tx-, Rx+, Rx-, GND

RS-485- 2w- Data+, Data-, GND

Power Parameters

Input Current- 140 mA @ 100 VAC

Input Voltage- 100 to 240 VAC, 47 to 63 Hz

Reliability

Automatic Reboot Trigger- Built-in

WDT

Alert Tools- Built-in

buzzer and RTC (real-time clock)

Physical Characteristics

Housing- Metal

Installation- Rack mounting

Dimensions (with ears)- 480 x 195 x 44 mm (18.9 x 7.68 x 1.73 in)

Dimensions (without ears)- 440 x 195 x 44 mm (17.32 x 7.68 x 1.73 in)

Weight- 3460 g (7.63 lb)

Interactive Interface- LCD panel display- Push buttons for configuration

Environmental Limits

Operating Temperature- 0 to 55°C (32 to 131°F)

Storage Temperature (package included)- -40 to 75°C (-40 to 167°F)

Ambient Relative Humidity- 5 to 95% (non-condensing)

Standards and Certifications

EMC- EN 55032/35

EMI- CISPR 32, FCC Part 15B Class A

EMS- IEC 61000-4-2

ESD: Contact: 4 kV; Air: 8 kV- IEC 61000-4-3

RS: 80 MHz to 1 GHz: 3 V/m- IEC 61000-4-4

EFT: Power: 1 kV; Signal: 0.5 kV- IEC 61000-4-5

Surge: Power: 2 kV- IEC 61000-4-6

CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m- IEC 61000-4-8

PFMF- IEC 61000-4-11

Safety- UL 60950-1

Traffic Control- NEMA TS2

Vibration- IEC 60068-2-6

Freefall- IEC 60068-2-34

Declaration

Green Product- RoHS, CRoHS, WEEE

MTBF

Time- 636,600 hrs

Standards- Telcordia (Bellcore) Standard

Specifications

Scan this QR code to
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All details, up-to-date
prices and availability

