

Item no.: 385565

## NPORT 6650-8-48V - 8-port RS-232/422/485 to Ethernet secure terminal server, 48 VDC input

from **1.055,53 EUR**

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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, ±48 VDC input. Memory/SD Slot- Up to 32 GB (SD 2.0 compatible). Input/Output Interface Alarm Contact Channels- Resistive load: 1 A @ 24 VDC. Ethernet Interface 10/100BaseT(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 Interface Connector- 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, CTS, 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- 293 mA @ 48 VDC. Input Voltage- ±48 VDC, 20 to 72 VDC, -20 to -72 VDC. 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: 1 kV- IEC 61000-4-6. CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m- IEC 61000-4-8. PFM. 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

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prices and availability

