

Item no.: 384701

NPORT 6650-16 - Secure terminal server with 16 ports RS-232/422/485 to Ethernet

from **1.120,29 EUR**

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shipping weight: 3.60 kg
Manufacturer: MOXA



Product Description

Moxa's terminal servers are equipped with the specialised functions and security features required to establish reliable terminal connections to a network and can connect various devices such as terminals, modems, data switches, mainframes and POS devices to make them available to network hosts and processes. 16-Port RS-232/422/485 to Ethernet secure terminal server, 100 to 240 VAC 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 fibre 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 Encryption HTTPSAES-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: 16 - 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 Standard Operation Modes Disabled Ethernet Modem Pair Connection PPP Printer Real COM Reverse Telnet RFC 2217 TCP Client TCP Server Terminal UDP - Baudrate 50 bps to 921.6 kbps (supports non-standard baudrates) - Console Port: RS-232 (Tx, Rx, D, 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/DSRXON/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, D, RTS, 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: 192 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: 3580 g (7.89 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 PFM 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, CrRoHS, WEEE MTBF - Time: 439,673 hrs - Standards: Telcordia (Bellcore) Standard

Specifications

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prices and availability

