

Item no.: 384702

NPORT 6650-16-48V - 16-port RS-232/422/485 to Ethernet secure terminal server, 48 VDC input

from **1.122,68 EUR**

Item no.: 384702
shipping weight: 3.80 kg
Manufacturer: MOXA



Product Description

16-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- 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- 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, 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- 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- 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: 1 kV- IEC 61000-4-6
CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m- IEC 61000-4-8
PFMF 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- 439,673 hrs
Standards- Telcordia (Bellcore) Standard

Specifications

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

