

Item no.: 387737

IOPAC 8600-CPU30-RJ45-C-T - Robust controller, 1 GHz CPU, 2-port RJ45 Ethernet, CC

from **1.075,60 EUR**

Item no.: 387737
shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

Robust controllers and I/Os Railway, wind power and offshore applications require system reliability and stability, even in harsh environments. Our ruggedised controllers and I/O products are designed for use in extreme conditions and offer versatile data acquisition and control functions.

ioPAC8600-CPU30-RJ45-C-TioPAC 8600 series Rugged controller, 1 GHz CPU, 2-port RJ45 Ethernet, C/C++, -40 to 75°C operating temperature

ComputerCPU: 32-bit Cortex-A8 CPU with 1 GHz
Operating system: real-time Linux (PREEMPT_RT)
Clock: real-time clock with capacitor backup
MemoryeMMC: 4 GB (1.7 GB reserved for users) for HW Rev. 1.0.1, 8 GB (5.2 GB reserved for users) for HW Rev. 1.1.0
SDRAM: 512 MB
SPI-NVRAM: 128 KB
microSD Slot: Up to 32 GB (SD 2.0 compatible)
Control logicLanguage: C/C++
Ethernet interface10/100BaseT(X) ports (RJ45 connection): RJ45 version: 2, 1 MAC address (Ethernet bypass) or 2 MAC addresses, selectable via jumper
Magnetic isolation protection: 1.5 kV (built-in)
Ethernet software features-Configuration options: v-Industry protocols: Modbus TCP Client (Master) Modbus TCP Server (Slave) Moxa AOPC (Active Tag) SNMPv1/v2c Trap
SNMPv1/v2c/v3-Management: BOOT PIPv4 SMTP UDP
Security: SSH
Time management: SNTP
Security features-Authentication: Local database-Encryption: AES-256 HMAC RSA-1024 SHA-1 SHA-256
Security protocols: SNMPv3, SSHv2
Serial portConsole port: RS-232 (Tx, Rx, GND), 3-pin (115200, n, 8, 1)
Modbus RTU/ASCII Supported functions: 1, 2, 3, 4, 5, 6, 15, 16
Mode: Master, Slave
Modbus TCP Supported functions: 1, 2, 3, 4, 5, 6, 15, 16
Mode: Master, Slave
Performance parametersPower consumption: 223 mA @ 24 VDC
Physical propertiesHousing: Metal
Weight: 148 g (0.33 lb)
Environmental conditionsOperating temperature: -40 to 75°C (-40 to 167°F)
Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)
Ambient relative humidity: 5 to 95% (non-condensing)
Altitude: 2000 m
Standards and certificationsEMC: EN 55032/35, EN 61000-6-2/-6-4
EMI: CISPR 32, FCC Part 15B Class A
EMS: IEC 61000-4-2
ESD: Contact: 6 kV; Air: 8 kV
IEC 61000-4-3 RS: 5100 MHz to 6000 MHz; 3 V/m
IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV
IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV
IEC 61000-4-6 CS: 10 V
IEC 61000-4-8 PFMFRailway: EN 50121-4, EN 50155
Safety: UL 508
Shock: IEC 60068-2-27
Vibration: IEC 60068-2-6
MTBF-time: ioPAC 8600-CPU30 models (HW Rev 1.0.1): 1,358,656 hours
ioPAC 8600-CPU30 models (HW Rev 1.1.0): 1,273,872 hours
ioPAC 8600-PW10-15W-T: 1,752,960 hours
ioPAC 8600-PW10-30W-T: 1,341,777 hours
ioPAC 8600-BM005-T: 2,678,587 hours
ioPAC 8600-BM009-T: 1,350,621 hours
ioPAC 8600-BM012-T: 1,238,479 hours
Standards: Telcordia SR332

Specifications

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

