



Endian 4i Edge X

Il futuro dell' Industrial Security e dell' Edge Computing



-  **OPC UA** ✓
-  **MQTT** ✓
-  **Modbus** ✓
- SIEMENS S7** ✓
- e altri ✓

La più potente appliance della gamma Endian 4i supporta la tecnologia Docker per l'Edge Computing. Questo significa che puoi eseguire le tue applicazioni enterprise o industrial in locale, presso siti distribuiti, riducendo il consumo di banda e la latenza delle applicazioni. Più sicurezza e minor passaggio di dati su Internet.

Un'appliance industriale smart per tutte le tue esigenze di sicurezza e connettività. Prevede innumerevoli opzioni tra cui Ethernet, 4G e WiFi. L'interfaccia web intuitiva e semplice da usare la rende perfetta per una vasta gamma di applicazioni industriali ed estremamente versatile per i più svariati mercati verticali.

Highlights

- ✓ 3 Porte Gigabit Ethernet
- ✓ Compatibile con modulo 4G (interno)
- ✓ Client WiFi (Uplink)
- ✓ WiFi Access Point (max 5 utenti)
- ✓ Accesso VPN semplice e sicuro
- ✓ Serial over IP
- ✓ Edge Computing/Docker
- ✓ Temperatura di funzionamento: da 0°C a +60°C



Performance	4i Edge X
Firewall Throughput	3 Gbit/s
VPN Throughput	250 Mbit/s
IPS Throughput	300 Mbit/s
Concurrent Sessions	300,000

Hardware	4i Edge X
CPU/SoC	Intel Celeron N3350 Dual-Core
CPU Speed	2.4 Ghz
Power 9-24 V	alimentatore venduto separatamente
Case / Form Factor	DIN Rail (Opzionale) / Wall Mount / Desktop
Dimensions	115 x 115 x 44 mm
Weight	850g
Fanless	Yes
Status LED	Yes
Operating Temperature	0°C – +60°C/32°F – +140°F
Storage Temperature	-40°C – +80°C/-40°F – +176°F
Humidity	0% ~ 90% relative humidity, non-condensing
Serial Port	RS232/422/485
Digital I/O	4In / 40ut
Ethernet Ports	3 x GbE (Intel i211)
WiFi	802.11ac
3G / 4G	Opzionale
RAM	2 GB
Onboard Storage	16 GB
Additional Storage	MicroSD Slot
USB Ports	2 x USB3.0
Console Port	1 x Micro-USB Console Port

Endian 4i Edge X

Network Security

- Stateful Packet Firewall
- Application Control (over 160 Protocols including Facebook, Twitter, Skype, WhatsApp and more)
- Demilitarized Zone (DMZ)
- Intrusion Detection and Prevention (Snort)
- Multiple Public IP Addresses
- Multiple WAN
- Quality of Service and Bandwidth Management
- SNMP Support
- VoIP/SIP Support
- SYN/ICMP Flood Protection
- VLAN Support (IEEE 802.1Q Trunking)
- DNS Proxy/Routing
- Anti-Spyware
- Phishing Protection

WAN Failover

- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks
- Uplink Types: Ethernet (Static/DHCP), PPPoE, PPTP, WiFi 802.11abgn/ac
- Support for UMTS/GPRS/3G USB Dongles

Network Address Translation

- Destination NAT
- Incoming Routed Traffic
- One-to-One NAT
- Source NAT (SNAT)
- IPsec NAT Traversal

Routing

- Static Routes
- Source-Based Routing
- Destination-Based Routing
- Policy-Based Routing (Based on Interface, MAC Address, Protocol or Port)

Bridging

- Firewall Stealth Mode
- OSI Layer 2 Firewall Functionality
- Spanning Tree
- Unlimited Interfaces per Bridge

High Availability

- Hot Standby (Active/Passive)
- Node Data/Configuration Synchronization

Virtual Private Networking

IPsec

- Encryption: Null, 3DES, CAST-128, AES 128/192/256-bit,
- Blowfish 128/192/256-bit, Twofish 128/192/256-bit,
- Serpent 128/192/256-bit, Camellia 128/192/256-bit
- Hash Algorithms: MD5, SHA1, SHA2 256/384/512-bit, AES-XCBC
- Diffie Hellman Modes: 1, 2, 5, 14, 15, 16, 17, 18, 22, 23, 24
- Authentication: Pre-Shared Key (PSK), RSA Keys, X.509 Certificates
- IKEv1 & IKEv2
- Dead Peer Detection (DPD)
- NAT Traversal
- Compression
- Perfect Forward Secrecy (PFS)
- VPN Site-to-Site
- VPN Client-to-Site (Roadwarrior)
- L2TP User Authentication
- XAuth User Authentication

OpenVPN

- True SSL/TLS VPN
- Encryption: DES, 3DES, AES 128/192/256-bit, CAST5, Blowfish
- Authentication: Pre-Shared Key, X.509 Certificates
- Support for VPN over HTTPS Proxy (OpenVPN)
- PPTP Passthrough
- VPN Client-to-Site (Roadwarrior)
- VPN Client for Microsoft Windows, Mac OS X and Linux
- Possibility of Multiple Logins per User
- VPN Failover
- Multiple Server Support Scalability
- Support for Mobile Devices (Android, iOS)

User Management & Authentication

- Unified User Management for OpenVPN, L2TP, XAuth
- Group Management
- Integrated Certificate Authority
- External Certificate Authority Support
- User Password and Certificate Management (Two-factor Authentication)
- Multiple Authentication Servers (Local, LDAP, Active Directory)

Serial Communication

- Serial over IP
- Serial-to-Serial Hardware Bridging
- Support for RS232, RS422, RS485

Event Management

- More Than 30 Individually Configurable Events
- Email Notifications
- SMS Notifications
- Powerful Python Scripting Engine

Extra Services

- NTP (Network Time Protocol)
- DHCP Server
- SNMP Server
- Dynamic DNS

Logging and Reporting

- Reporting Dashboard
- Detailed System and Attack Reports
- Live Network Traffic Monitoring (powered by ntopng)
- Live Log Viewer
- Network/System/Performance Statistics
- Rule-Based Logging Settings (Firewall Rules)
- Syslog: Local or Remote
- OpenTSA Trusted Timestamping

Management / GUI

- Easy Web-Based Administration (SSL)
- Multi-Language Web-Interface (English, Italian, German, Japanese, Spanish, Portuguese, Turkish, Chinese, Russian)
- Secure Remote SSH/SCP Access
- Serial Console
- Centralized Management through Endian Network (SSL)

Updates and Backups

- Scheduled Automatic Backups
- Encrypted Backups via E-mail
- Instant Recovery / Backup to USB Stick (Endian Recovery Key)
- Centralized Updates through Endian Network

Endian Connect Platform

Il futuro della sicurezza e della connettività IoT

L'unica tecnologia end-to-end aperta, per fornire connettività remota protetta tra persone, reti, infrastrutture e cose. Concepita per essere scalabile, da progetti di piccole dimensioni fino a realtà enterprise globali, con migliaia o addirittura milioni di entità connesse: grazie all'ampio numero di opzioni offerte in termini di componenti della piattaforma, garantiamo al tuo business la massima flessibilità e la possibilità di trovare la soluzione su misura per ogni progetto.

