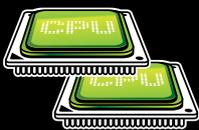


ENDIAN UTM MACRO X1-X2

NETWORK SECURITY FOR MEDIUM-TO-LARGE BUSINESSES



Multi-Core CPU: Ideal for powering the large networks



Complete Security: Protect your critical business resources



Scalability: Delivers a highly scalable solution to both small- and mid-size companies



Multi-Core Appliance for High Performance Security

(Suggested Users 50 - 500) Endian UTM Macro X Series appliances meet the needs of Medium-to-Large Businesses requiring a highly available and powerful appliance for demanding networks.

Endian UTM Macro X Series appliances offer high-performance Unified Threat Management (UTM) with content inspection at top speed. Featuring the latest Intel Multi-Core Technology and advanced networking functionality, the Macro X Series deliver a comprehensive security solution for large network environments. Integrated security services such as stateful inspection firewall, VPN, gateway anti-virus, anti-spam, Web and e-mail content filtering offer granular protection in a single appliance, reducing management time and costs. Endian designed UTM Macro X Series to meet the needs of Medium-to-Large Businesses requiring a highly available and powerful appliance for demanding networks.

Right Size Your Network

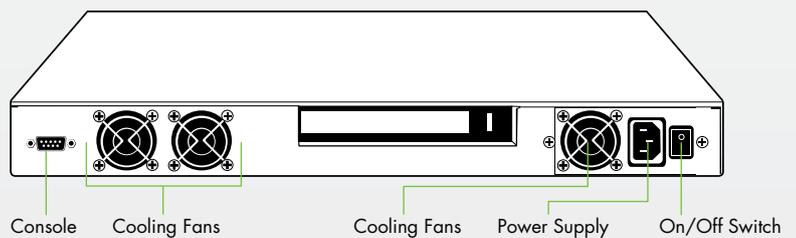
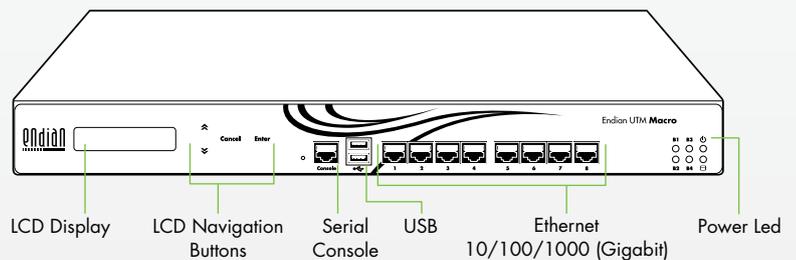
The Macro X series are the perfect devices for medium and large networks that require stronger performance and more capacity. The Macro X series come equipped with multi-core processors and more memory so they are great at multitasking.

Simple. Security.

Good network security shouldn't take an advanced degree to implement. We take the complexity out of security so everyone can enjoy it.

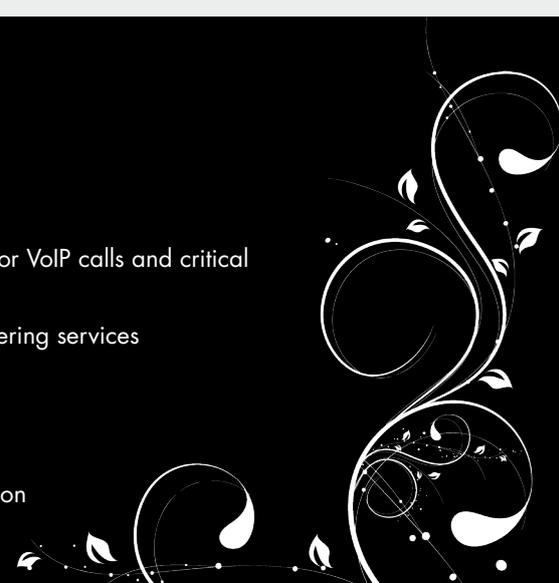
We Got You Covered

Get the help and support you need from Endian. Whether it's our growing online support resources or our network of qualified partners, we're here to help.



Highlights

- Comprehensive protection keeps your network safe from emerging Internet threats
- Intuitive and functional Web interface deploys in minutes, not hours
- Quality of Service and Bandwidth Management to guarantee the best quality for VoIP calls and critical services in your network
- Always up-to-date with latest anti-spam, anti-spyware, anti-virus and content filtering services
- Centralized Management and Provisioning through Endian Network
- Instant Recovery minimizes downtime in case of a failure
- All-in-one means no additional software or hardware required
- Quiet and energy saving thanks to its fanless design and low power consumption



Endian UTM Macro X Series Features

Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Prevention (Snort)
- Multiple Public IPs
- Quality of Service and Bandwidth Management
- SNMP support
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- VLAN support (IEEE 802.1Q trunking)
- DNS Proxy/Routing
- ntop (not in 4i, Mini)
- Anti-Spyware
- Phishing Protection

Web Security

- HTTP & FTP proxies
- Anti-Virus (100.000+ patterns)
- Transparent Proxy support
- Content Analysis/Filtering
- URL Blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM Single Sign-On
- Group-based web content filter
- Group-based web access policies
- Time-based access control with multiple time intervals
- Sophos Anti-Virus (optional)

Mail Security

- SMTP & POP3 proxies
- Anti-Spam with Bayes, Pattern, and SPF
- Heuristics, Black- and White-lists support
- Anti-Virus (100.000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC)
- Greylisting
- Commtouch RPD (optional)
- Sophos Anti-Virus (optional)

Virtual Private Networking

- True SSL/TLS VPN (OpenVPN)
- IPsec
- Encryption; DES, 3DES, AES 128/192/256-bit
- Authentication: Pre-Shared Key, Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- True SSL/TLS VPN (OpenVPN)
- Encryption; DES, 3DES, AES 128/192/256-bit
- Authentication: Pre-Shared Key, Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- IPsec with L2TP and PSK/certificate support
- Unified VPN user management

Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Traffic-based Tickets
- Integrated RADIUS service
- Connection Logging
- Per-user and global bandwidth limiting
- MAC-address-based user accounts
- User accounts import/export per CSV
- Single-click ticket generation (Quick ticket)
- Automatic client network configuration (support for DHCP and static IP)
- Generic JSON-API for external accounting and third party integration
- SmartConnect SMS user registration
- SmartConnect E-Mail user registration
- Password recovery
- Ticket validity
- Userless portal

High Availability

- Hot Standby (active/passive)
- Node Data/Configuration Synchronization

Multi-WAN with Failover

- Support for multiple Uplinks/WANs
- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks
- Uplink types: Ethernet (Static/DHCP), PPPoE, ADSL, ISDN, PPTP
- UMTS/GPRS/3G support
- Extended Support for GPRS/UMTS USB 3G devices

Routing

- Static Routes; Source-based Routing
- Destination-based Routing
- Policy-based Routing (based on interface, MAC, protocol, or port)

Network Address Translation (NAT)

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

Logging and Reporting

- Real-time Dashboard
- Event handling and notification
- Live Log Viewer (AJAX-based)
- Detailed User-based Web Access Report (not in 4i, Mini)
- Network/System/Performance Statistics
- Rule-based logging settings (Firewall Rules)
- Syslog: Local or Remote
- OpenTSA trusted timestamping

Feature Highlights



Performance

	Macro X1	Macro X2
Suggested Users	50-250	50-500
Firewall Throughput	1.0 Gbps	1.5 Gbps
Concurrent Connections	1,000,000	1,500,000
VPN Throughput	250 Mbps	350 Mbps
IPS Throughput	170 Mbps	255 Mbps
UTM Throughput	160 Mbps	240 Mbps
E-mails per day	900,000	1,350,000

Hardware specifications

Case Rack	19" 1 U
Power	Internal 300 Watt
CPU Type	Dual-Core (Macro X1) Quad-Core (Macro X2)
Memory	2048 MB (Macro X1) 4096 MB (Macro X2)
Ethernet	8 x 10 / 100 / 1000 Mbps
PCI Slots	1
Cooling	Fans
Hard Disk (RAID 1)	2 x 250 GB (Macro X1) 2 x 500 GB (Macro X2)
LCD Display	Yes
Dimension (HxWxD)	44mm x 430mm x 370mm
Weight	5,6 kg
Hardware Warranty	12 months
Certifications	FCC/CE/ROHS



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