



## Multi-Core Appliance for Demanding Networks

Endian Firewall Macro is a high-performance unified threat management (UTM) appliance that offers high speed network protection and content inspection. Featuring the latest Intel Multi-Core Technology and advanced networking functionality, the Macro delivers a comprehensive security solution for demanding network environments. Integrated security services such as stateful inspection firewall, VPN, gateway anti-virus, anti-spam, web security and email content filtering offer granular protection in a single appliance, reducing management time and costs. Endian designed the Macro to meet the needs of Medium- and Large-Businesses requiring a highly available and powerful appliance, assuring proactive network security.

### High Availability

Integrated high availability, clustering and hard disk mirroring (RAID) features ensure the maximum reliability for your network infrastructure

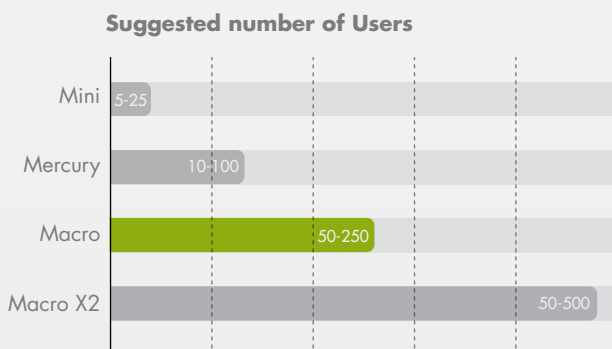
### Load Balancing

Multiple Endian Firewalls work together to share their loadshare their load, offering enhanced scalability and processing power for large networks with high traffic loads

### Web Content Security

The Web Content Security module provides an intelligent multi-layered content filter to restrict any undesired or harmful content.

## Product comparison



## Performance

- **Suggested Users\***  
50-250
- **Firewall Throughput\***  
1,0 Gbps
- **Concurrent Connections\***  
1.000.000
- **VPN Throughput\***  
250 Mbps
- **E-Mails per day\***  
100.000

\* Throughput rates, Suggested Users and E-Mails/day will vary depending on environment and configuration (activated proxies, VPN connections, IDS and Application Level Filters)

## Highlights

- **Comprehensive unified threat management**  
protects your entire network and optimizes traffic flows
- **High performance** with multi-core processing power and gigabit Ethernet
- **Mail and web protection** with multi-layered application level filters
- **Always up-to-date** with latest anti-spam, anti-spyware, anti-virus and content filtering services
- **Centralized management and provisioning** through Endian Network
- **Easy configuration and management** of advanced security services
- **Industrial strength hardware** offers the best reliability on the market

## Features

### Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Detection
- Multiple Public IPs
- Traffic Shaping
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- Anti-Spoofing 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 Access Control

### Mail Security

- SMTP & POP3 proxies
- Anti-spam with Bayes, Pattern, SPF, Heuristics, Black- and White-lists support
- Anti-virus (100.000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC) \*
- Greylisting

### VPN

- True SSL/TLS VPN (OpenVPN)
- IPSEC
- Encryption; DES, 3DES, AES 128-, 192-, 256-bit
- Authentication: Pre-Shared Key, X.509, Certification Authority, Local
- PPTP Passthrough
- Native VPN Client for MS Windows, MacOSX and Linux

### Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Integrated RADIUS service
- Connection Logging
- No additional software/hardware required

### Management

- Easy Web-based Administration (SSL)
- Secure Remote SSH/SCP Access
- Serial Console
- Centralized Management through Endian Network (SSL)

### High Availability

- Multi-Node Appliance Cluster \*
- Hot Standby (active/passive) \*
- Load Balancing (active/active) \*
- Node Data/Configuration \* Synchronization \*

### WAN Failover

- Automatic WAN Uplink Failover \*
- Monitoring of WAN Uplinks \*
- VPN Failover \*

### Network Address Translation

- Static NAT (Port Translation)
- One-to-One NAT
- IPSec NAT Traversal

### Routing

- Static Routes
- Source Based Routing
- Destination Based Routing

### Logging/Reporting

- Live Log Viewer (AJAX based) \*
- Detailed User Based Web Access Report
- Network/System/Performance Statistics
- Syslog: Local or Remote

### Updates and Backup

- Centralized Updates through Endian Network
- Anti-virus Definitions
- URL Blacklist Definitions
- Scheduled Automatic Backup
- Encrypted Backups via E-mail
- Instant Recovery/Backup to USB-Stick \*

\* Available with the 2.2 release



## Hardware specifications

<b>Case</b>	Rack 19" 1 U
<b>Power</b>	Internal 300 Watt
<b>Memory</b>	2048 MB
<b>Ethernet</b>	7 x 10 /100/1000 Mbps
<b>Harddisk</b>	2 x 60 GB (RAID1)
<b>Cooling</b>	Fans

<b>Dimension (HxWxD)</b>	44mm x 430mm x 307mm
<b>LCD Display</b>	Yes
<b>PCI Slots</b>	1
<b>Hardware Warranty</b>	24 months *
<b>Certifications</b>	FCC/CE/ROHS

\* Advanced Maintenance extends the Hardware Warranty for the Subscription Period

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