

Endian UTM Mini

Cybersecurity Gateway für kleine Unternehmen

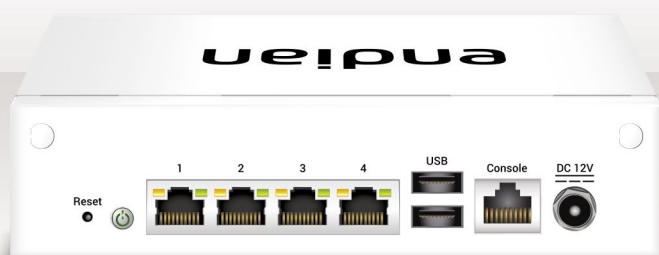


Endian UTM Mini ist das kleinste Network Security Gateway innerhalb der Endian UTM-Produktreihe und bietet leistungsstarke Netzwerksicherheit und Konnektivität für kleine Unternehmen. Mit seinem kompakten Design ist es die ideale Lösung für Netzwerke mit bis zu 50 Anwendern.

Die Endian UTM Mini wird mit einem Betriebssystem kombiniert, das den Fokus auf IT-Sicherheit setzt. Hinter seiner einfach und intuitiv zu bedienenden Oberfläche steckt die volle Power umfassender Leistungen für Networking, Sicherheit und Konnektivität, inklusive Firewall, Web-/E-Mail-Filter, IPS (Intrusion Prevention) und vieles mehr.

Highlights

- ✓ Kompaktes Design
- ✓ Desktop-Format
- ✓ Lüfterlos
- ✓ 4 x Gbit Ethernet
- ✓ 32GB eMMC



Leistung*	
Firewall-Durchsatz	3 Gbit/s
VPN Durchsatz (IPSec & SSL)	240 Mbit/s
IPS Durchsatz	300 Mbit/s
Antivirus Durchsatz (Proxy)	400 Mbit/s
Web Security Durchsatz	900 Mbit/s
Gleichzeitige Verbindungen	450.000

Hardware	
CPU	X86 Dual Core 2,4GHz
Arbeitsspeicher	4GB
Speicher	32GB eMMC
Schnittstellen	<ul style="list-style-type: none"> • 4 x Gbit Ethernet • 1 x Console (RJ-45) • 2 x USB 3.0
Kühlung	Lüfterlos
Zertifizierungen	CE, FCC

Abmessungen und Spezifikationen zur Umgebung	
Design	Desktop Network Appliance
Abmessungen BxTxH	165mm x 92mm x 40mm
Abmessungen Verpackung BxTxH	280mm x 240mm x 150mm
Gewicht (Unverpackt/Verpackt)	750g / 1.570g
Stromversorgung	12V DC Power
Betriebstemperatur	32°F ~ 104°F (0°C ~ 40°C)
Lagerungstemperatur	-4°F ~ 140°F (-20°C ~ 60°C)
Feuchtigkeit	10% ~ 80%, nicht kondensierend

*Maximaler Durchsatz, gemessen unter idealen Testbedingungen und unter Verwendung mehrerer Datenströme über mehrere Anschlüsse. Die tatsächliche Leistung kann je nach Netzwerkbedingungen und aktivierten Diensten variieren.

Endian UTM Features

Network Security

- Stateful packet firewall
- Application control (including Facebook, Twitter, Skype, WhatsApp and more)
- Demilitarized zone (DMZ)
- Intrusion detection and prevention
- 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

Web Security

- HTTP & FTP proxies
- HTTPS filtering
- Transparent proxy support
- URL blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM single sign-on
- Group-based and user-based web content filter
- Time based access control with multiple time intervals
- Bitdefender Anti-malware Engine
- Bitdefender Content filter Engine
- SafeSearch enforcement

Mail Security

- SMTP & POP3 proxies
- Anti-spam with bayes, pattern and SPF
- Heuristics, black- and whitelists support
- Anti-virus
- Transparent proxy support
- Email quarantine management
- Spam auto-learning
- Transparent mail forwarding (BCC)
- Greylisting
- Bitdefender Anti-spam Engine
- Bitdefender Anti-malware Engine

WAN Failover

- Automatic WAN uplink failover
- Monitoring of WAN uplinks
- Uplink types: Ethernet (static/DHCP), PPPoE, PPTP
- Support for UMTS/GPRS/3G USB dongles

User Authentication

- Active Directory / NTLM
- LDAP
- RADIUS
- Local

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, AESXCBC
- 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

- Encryption: DES, 3DES, AES 128/192/256-bit, CAST5, Blowfish
- Authentication: pre-shared key, X.509 certificates
- Support for VPN over HTTP Proxy
- PPTP passthrough
- VPN client-to-site (roadwarrior)
- VPN client for Microsoft Windows and Apple OS X
- Possibility of multiple logins per user
- VPN failover
- Multiple server support
- Support for mobile devices (Android, iOS)

VPN Portal for Clientless Connections

- Web-based access to internal resources
- Configurable portal page
- Support for multiple destinations
- Destination-based authentication
- SSL offloading

User Management & Authentication

- Unified user management for OpenVPN, L2TP, XAUTH, VPN Portal
- Group management
- Integrated certificate authority
- External certificate authority support
- User password and certificate management
- Multiple authentication servers (local, LDAP, Active Directory, RADIUS)
- Fully integrated one-time password (OTP) support
- Let's Encrypt Support

BYOD / Hotspot

- Configurable captive portal
 - Use your website as portal (SurfNow Button)
 - Free access to allowed sites (walled garden)
 - Wired / wireless support
 - Integrated RADIUS service
 - Connection logging
 - Bandwidth limiting based on user, ticket or global settings
 - Social login (Facebook, Google)
 - Social Enabler (sharing on social networks)
 - MAC-address based user accounts
 - Configurable multiple logins per user
 - User accounts import/export via CSV
 - User password recovery
 - Automatic client network configuration (support for DHCP and static IP)
 - Fully integrated accounting
 - Generic JSON API for external accounting and third party integration
 - Instant WLAN ticket shop (Smart-Connect)
 - Single-click ticket generation (Quick ticket)
 - SMS/e-mail user validation and ticketing
 - Pre-/postpaid and free tickets
 - Time-/traffic-based tickets
 - Configurable ticket validity
 - Terms of Service confirmation
 - MAC address tracking for free hotspots
 - Cyclic/recurring tickets (daily, weekly, monthly, yearly)
 - Remember user after first authentication (SmartLogin)
 - Multi-location setup through master/satellite configuration
 - External authentication server (Local, LDAP, Active Directory, RADIUS)
- ## 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 (not for BYOD/Hotspot)

Event Management

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

Logging and Reporting

- Reporting dashboard
- Detailed system, web, email, attack and virus reports
- Live network traffic monitoring (powered by ntopng)
- Live log viewer
- Detailed user-based web access report (not in Mini 10 and Mini 10 WiFi)
- Network/system/performance statistics
- Rule-based logging settings (firewall rules)
- Syslog: local or remote
- OpenTSA trusted timestamping

Extra Services

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

Management / GUI

- Centralized management through Endian Network (SSL)
- Easy Web-Based Administration (SSL)
- Multi-language web-interface (English, Italian, German, Japanese, Spanish, Portuguese, Chinese, Russian, Turkish)
- Secure remote SSH/SCP access
- Serial console

Updates and Backups

- Centralized updates through Endian Network
- Scheduled automatic backups
- Encrypted backups via email
- Instant recovery / Backup to USB stick (Endian Recovery Key)