Fast, flexible and easy to use. The Mercury 100 guarantees high security standards combined with the globally recognized Endian Hotspot technology.

Application level filters, anti-virus, anti-spam, web filtering, VPN functionality and much more create a complete and reliable shield for your network from all internal and external threats.

### Highlights
- 6 Ethernet ports
- 4 GB RAM
- 2x320 GB Hard disk
- LAN-Bypass
- Rack 1U

### Performance

<table>
<thead>
<tr>
<th></th>
<th>Mercury 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall Throughput</td>
<td>3.5 Gbit/s</td>
</tr>
<tr>
<td>VPN Throughput (IPsec &amp; SSL)</td>
<td>320 Mbit/s</td>
</tr>
<tr>
<td>IPS Throughput</td>
<td>350 Mbit/s</td>
</tr>
<tr>
<td>Antivirus Throughput (Proxy)</td>
<td>600 Mbit/s</td>
</tr>
<tr>
<td>Web Security Throughput</td>
<td>1.2 Gbit/s</td>
</tr>
<tr>
<td>Concurrent Sessions</td>
<td>500,000</td>
</tr>
</tbody>
</table>

### Hardware

<table>
<thead>
<tr>
<th></th>
<th>Mercury 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case</td>
<td>Rack 1U</td>
</tr>
<tr>
<td>Dimensions</td>
<td>44mm x 430mm x 260mm</td>
</tr>
<tr>
<td>Weight</td>
<td>5 kg</td>
</tr>
<tr>
<td>Memory</td>
<td>4 GB</td>
</tr>
<tr>
<td>Storage</td>
<td>2x 320 GB HDD Raid</td>
</tr>
<tr>
<td>Networking</td>
<td>6x Gigabit Ethernet</td>
</tr>
<tr>
<td>LAN Bypass</td>
<td>2 Pairs</td>
</tr>
<tr>
<td>Power Supply</td>
<td>65W Internal</td>
</tr>
<tr>
<td>Cooling</td>
<td>Fans</td>
</tr>
<tr>
<td>LCD Display</td>
<td>Yes</td>
</tr>
<tr>
<td>VGA</td>
<td>Yes</td>
</tr>
<tr>
<td>Hardware Warranty</td>
<td>12 months</td>
</tr>
<tr>
<td>Certifications</td>
<td>included in maintenance</td>
</tr>
</tbody>
</table>
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
- SYS/ICMP flood protection
- VLAN support (IEEE 802.1Q trunking)
- DNS proxy/routing
- Anti-spyware
- Phishing protection

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: 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 (DPO)
  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
- Inbound 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

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

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

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

* Not in UTM Software 10, UTM Virtual 10, UTM Mini 10, UTM Mini 10 WiFi
** Master functionality not in UTM Mini 25, UTM Mini 25 WiFi and UTM Mercury 50