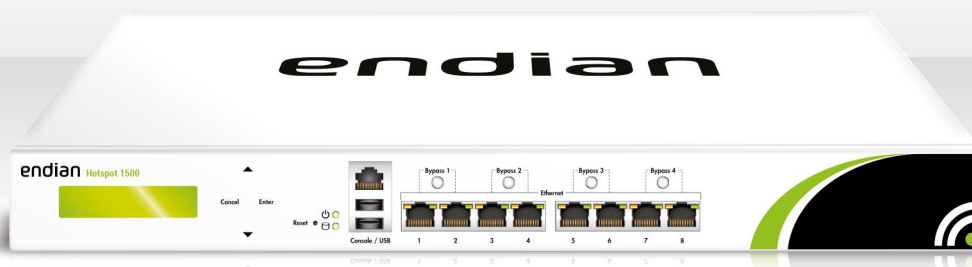


# Endian Hotspot 1500

## Fast and secure Internet access



A complete and customizable high performance product that supports up to 1500 concurrent users. The Endian Hotspot 1500 has a captive portal to provide secure and simple Internet access to coworkers and visitors, specific tools for traffic monitoring and management and the possibility to have a master-satellite configuration to centrally coordinate all your Endian Hotspots.

### Internet bandwidth management

A slow connection is a real nightmare for anyone that offers Internet access to visitors. Now you can restrict your users bandwidth thus saving enough for others and providing a high quality service.

### Open APIs

This feature allows easy and complete integration with third-party software. Big organizations can use it to integrate an existing database with the Hotspot's.

### Integrated marketing platform

The Endian Hotspot is not only a service for your customers, but a smart tool to promote your activity as well. The captive portal is completely customizable: highlight special offers and ongoing promotions, show your visitors your added value.

### Ideal for chain stores and branch offices

The Endian Hotspot appliances support master - satellite configurations. The Hotspot 500 and 1500 can be installed in the head quarter to centrally manage the users and the portal configuration, while the Hotspot 150 is the ideal satellite to provide Internet access in the remote locations.

Endian Hotspot 1500	
Concurrent Users	up to 1500
Throughput	3 Gbit/s
Recommended for	Tourist resorts, large campsites, shopping malls, large enterprises, exhibition grounds, public venues, health care facilities



Safe WiFi connection



Marketing Platform



Social Login

# Endian Hotspot Features

## Hotspot

User Management
<ul style="list-style-type: none"> <li>• Authentication through                             <ul style="list-style-type: none"> <li>• Local or external RADIUS</li> <li>• LDAP / Active Directory</li> <li>• Google / Facebook</li> </ul> </li> <li>• MAC-address accounts</li> <li>• User accounts import/export</li> <li>• User password recovery</li> <li>• Social Login (Facebook / Google)</li> <li>• User auto-creation through e-mail or SMS (SmartConnect)</li> <li>• Bandwidth limitation per user</li> <li>• Configurable multiple logins per user</li> </ul>
Configuration and Integration
<ul style="list-style-type: none"> <li>• Social Enabler (sharing on social networks)</li> <li>• Multi-location setup through master/satellite configuration*</li> <li>• Configurable captive portal</li> <li>• Customizable templates</li> <li>• WYSIWYG editor with multimedia file upload</li> <li>• Multi-language support</li> <li>• Configurable access to allowed sites (walled garden)</li> <li>• Configurable mandatory Terms of Service confirmation</li> <li>• Bandwidth limiting based on user, ticket or global settings</li> <li>• JSON API for external accounting and third party integration</li> <li>• Integration with property management systems ASA HOTEL, pcs phoenix</li> </ul>
Accounting and Ticketing
<ul style="list-style-type: none"> <li>• Integrated RADIUS service</li> <li>• Integrated accounting based on tickets</li> <li>• Payment service through credit card and PayPal</li> <li>• Freely configurable ticket rates</li> <li>• Pre-/postpaid and free tickets</li> <li>• Time-/traffic-based tickets</li> <li>• Cyclic/recurring tickets (daily, weekly, monthly, yearly)</li> <li>• Single-click ticket generation (Quick ticket)</li> <li>• Configurable ticket and account validity</li> <li>• MAC address tracking for free hotspots</li> <li>• Remember user after first authentication (SmartLogin)</li> </ul>

## Networking

Uplink Management
<ul style="list-style-type: none"> <li>• Multiple WAN uplink support</li> <li>• Multiple public IP addresses</li> <li>• Automatic WAN uplink failover</li> <li>• Monitoring of WAN uplinks</li> <li>• Uplink types: Ethernet (static/DHCP), PPPoE, PPTP</li> <li>• Support for 3G / 4G USB dongles</li> </ul>
Networking Features
<ul style="list-style-type: none"> <li>• Separated network zones</li> <li>• Quality of service and bandwidth management</li> <li>• VLAN support</li> <li>• Stealth mode</li> <li>• OSI layer 2 firewall functionality</li> <li>• Spanning tree</li> <li>• Automatic client network configuration (DHCP / static IPs)</li> <li>• Wired and wireless connections in the hotspot are supported</li> <li>• NTP (Network Time Protocol)</li> <li>• DHCP server</li> <li>• Dynamic DNS</li> </ul>
Network Address Translation (NAT)
<ul style="list-style-type: none"> <li>• Destination NAT</li> <li>• Incoming routed traffic</li> <li>• One-to-one NAT</li> <li>• Source NAT (SNAT)</li> </ul>
Routing
<ul style="list-style-type: none"> <li>• Static routing</li> <li>• Source-based routing</li> <li>• Destination-based routing</li> <li>• Policy-based routing</li> </ul>

## Security

Threat Protection
<ul style="list-style-type: none"> <li>• Stateful packet firewall</li> <li>• Application control</li> <li>• SYN/ICMP flood protection</li> <li>• DNS proxy/routing</li> <li>• Anti-spyware</li> <li>• Phishing protection</li> <li>• Transparent HTTP/HTTPS web filtering</li> <li>• Cyren URL filter with 140 million categorized URLs</li> <li>• SafeSearch enforcement</li> <li>• Time based access control with multiple time intervals</li> <li>• Anti-virus</li> </ul>
VPN
<ul style="list-style-type: none"> <li>• OpenVPN</li> <li>• Native VPN client app for Microsoft Windows and Apple OS X</li> <li>• Support for mobile devices (Android, iOS)</li> <li>• Support for VPN over HTTP Proxy</li> <li>• VPN client-to-site (roadwarrior)</li> <li>• VPN failover</li> <li>• VPN user and group management</li> </ul>
Encryption
<ul style="list-style-type: none"> <li>• SSL-encrypted captive portal</li> <li>• SSL-encrypted administration interface</li> <li>• SSL-encrypted VPN connections between master and satellite systems</li> <li>• Encrypted backups via email</li> </ul>

## Management Interface

Logging and Reporting
<ul style="list-style-type: none"> <li>• Reporting dashboard</li> <li>• Detailed system, web and virus reports</li> <li>• Hotspot connection logging</li> <li>• Live network traffic monitoring (powered by ntopng)</li> <li>• Live log viewer</li> <li>• Detailed web access report</li> <li>• Network/system/performance statistics</li> <li>• Rule-based logging settings (firewall rules)</li> <li>• Syslog: local or remote</li> <li>• OpenTSA trusted timestamping</li> <li>• Email Notifications</li> <li>• SMS Notifications</li> </ul>
Administration
<ul style="list-style-type: none"> <li>• Centralized management through Endian Network</li> <li>• Easy web-based administration</li> <li>• Multi-language web-interface</li> <li>• Secure remote SSH/SCP access</li> <li>• Serial console</li> <li>• Centralized updates through Endian Network</li> <li>• Scheduled automatic backups</li> <li>• Instant recovery / Backup to USB stick (Endian Recovery Key)</li> <li>• Different user roles for administrator, hotspot administrator and hotspot account editor</li> </ul>

\* Master functionality only in Endian Hotspot 500 or higher

## Endian Hotspot 1500 Specifications

Hardware	Hotspot 1500
Case	Rack 1U
Dimensions	44mm x 430mm x 400mm
Weight	8 kg
Memory	8 GB
Storage	2x 500 GB HDD Raid
Networking	8x Gigabit Ethernet
LAN Bypass	4 Pairs
Power Supply	250W Internal
Cooling	Fans
LCD Display	Yes
Hardware Warranty	included in maintenance
Certifications	FCC/CE/RoHS

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