

NF UTM Series Feature Sheet



- | UTM
- | AAA User Management
- | VPN Connectivity

NF-UTM Series



Unified Threat Management

with AAA Hotspot User Management

Netfox designed and priced to meet the needs of smaller and Enterprise organizations, it allow organisations to deploy comprehensive security quickly and easily. It Includes the standard security features and Different Variants AAA Hotspot across the models.

Key Features

- Router
- Firewall
- IDS & IPS
- Gateway Antivirus
- Anti Spam
- Email Security
- Web Content Filtering
- Application Filter
- Geo Filter
- AAA Hotspot User Management
- Active - Active Support
- QoS/ Bandwidth Management
- Mult WAN Uplinks
- Auto Fail Over & Load Balance
- Policy Based Routing
- IPSec & SSL VPN
- 2G/3G/4G LTE/USB dongle support
- Real Time Netflow
- Seamless Failover with MPLS/LL/BB Lines
- User Friendly GUI
- High Availability *(HA)
- Inbuilt Analyzer
- Live User Access Restrict
- 78 logs & 22 Reports
- 23 Debug Commands
- Alerts via Email / SMS
- Admin User Management
- Ethernet Port Management
- Config Page Log Report
- Daily Config Backup via Email & FTP

NF-UT M Series Features

Firewall

- Stateful Packet Inspection
- Zone-based access control list
- IP / Mac / Port based filtering
- Access scheduling
- Source NAT & NetMAP NAT
- MAC- IP – Interface Binding

Web Security

- Application proxy with Web cache
- Transparent Proxy (HTTP & HTTPS)
- Trusted Domains / URL / Wild Card Support
- Content Filtering based on Weighted Phrase
- Inbuilt Web Category Database
- Mime Type / File extension filter support
- Custom category upload support
- Pornographic image blocking
- Force Safe search
- Anti Malware Scanning of Web traffic
- Unlimited Policies & users creation
- Group Based Web Access Policies
- Internal / External authentication servers support
- Web Authentication
- Port control on web traffic
- Schedule based Access control with Multi- Time Intervals
- User/Group identity Based Bandwidth Management
- Private browsing support for management team
- Download & Upload Limit Control
- Complete and detailed report on browsing including Connections details
- CIPA Compliant

Application Filter

- Allow or Deny Application like

Whatsapp, Facebook,

Instagram, Hike, Viber,

Wechat, IMO chat, Line,

Skype, Twitter, Youtube,

Google Play, Google Drive,

Windows Updates, etc.,

Mail Security & Gateway Antispam

- Transparently intercept mail via SMTP/POP3
- Filter based on message header, size, sender, Recipient
- Blacklist/white list support
- RBL / CBL / SBL Lookup , MIME header check
- Bayesian filter
- Image-spam filtering
- Spam tag support

Networking / Routing

- Routing Mode / Bridge (Transparent) Mode
Policy routing based on Zone, IP and Port
- Static & Dynamic* routing
- Multicast Routing
- IP Passthrough with bypass firewall option
- VLAN support on both WAN & LAN
- Proxy ARP support on both WAN & LAN
- MAC address clone support on both WAN & LAN
- Virtual Interface (IP Alias)
- DHCP & DNS server support on per LAN & Zone based
- DDNS support per interface wise (WAN & VPN Interface)

Intrusion Detection & Prevention

- Protect over 2000 + attack
- Automatic signature updates
- Protocol anomaly detection and protection
- Traffic anomaly detection and protection
- Flooding detection and protection
- DoS/DDoS protection
- Support for custom rule upload

AAA Hotspot

- Authentication | Authorisation | Accounting
- Time Based | Usage Based | Bandwidth Control
- AD | LDAP | PMS | Browser | Device Login
- User Name, Password | IP | Mac | Multiple IP Control
- White List | Black List Management | Guest Login
- Co Work with Any Access Points
- Voucher Management | Usage Plan Management
- Template Management | Beyond Control
- Traffic Analyser | Logs & Reports

NF-UTM Series Features

Gateway Antivirus

- Support Kaspersky* and ClamAV AntiVirus
- HTTP/FTP/SMTP/POP3/IMAP4 protocol support
- Automatic Virus signature database update
- No file size limitation
- Blacklist / whitelist support
- Block by file/MIME types

Traffic Management

- Quality of Service (QoS)
- IPSec & Secure SSL Client
- Encryption Algorithm - 3DES, AES
- Authentication Algorithm: SHA-1/MD5
- Support Key Exchange - IKE, Manual Key, PKI
- Perfect forward secrecy (DH Group 2,5)
- Dead Peer Detection support
- VPN Failover / Connection redundancy
- IPSec NAT Traversal
- Auto Reconnect VPN
- Interop with other IPSec devices
- FQDN support (Dynamic IP support)

System Management

- Three levels of users - Admin, Operator/Monitor
- Admin User management to create user login with preset permission Employee
- Multiple users login
- Web UI (HTTP and HTTPS)
- Command line interface (Console)
- Configuration Backup & Rollback
- Firmware upgrade via web GUI
- SNMP (v2)

Multi ISP Link & Load Balance

- Support for Multiple ISP (WAN)Uplinks
- 2G/3G/4G USB dongle support (WAN)
- Multi WAN auto failover / fallback
- Multi WAN Load Balancing
- Packet loss and RTA based link quality Failover
- Inbound Link Load Balance
- WRR Based Load Balance

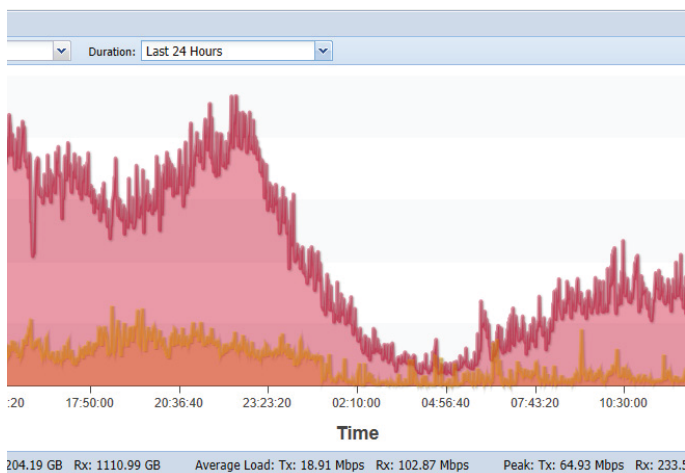
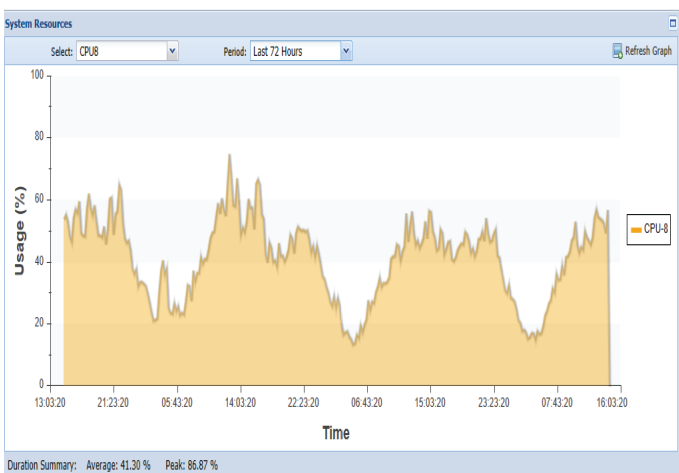
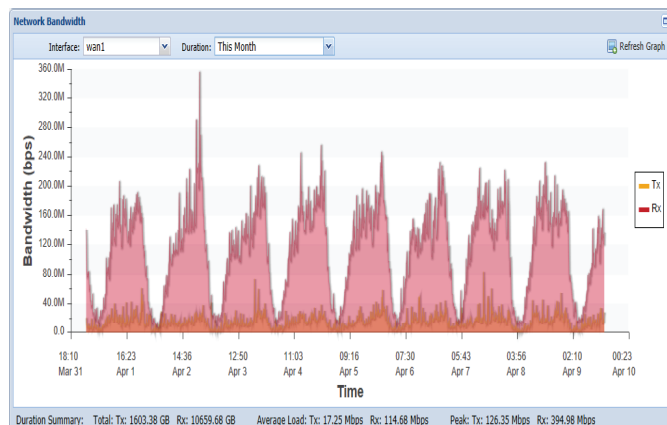
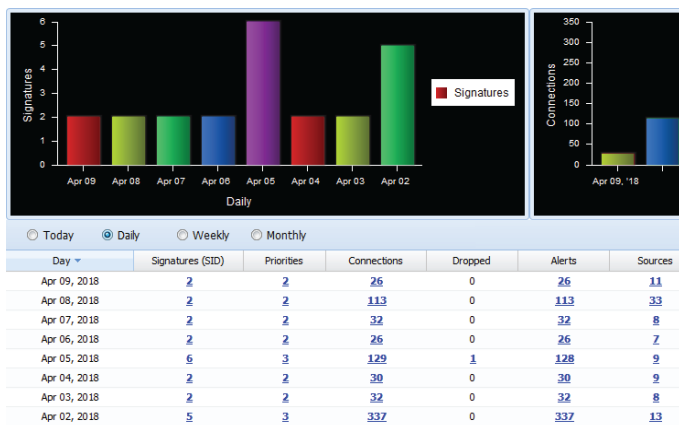
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Logging / Monitoring

- Comprehensive local logging
- On-Appliance Reporting
- Email Alert - Multiple Mail Id
- Remote Syslog support
- Real-Time traffic monitoring
- Live network Meter
- Built-in daily report
- Graphical Bandwidth Report (based on Time, Date, Week, Month)
- Exportable formats - PDF, Excel
- Network Tools- IPTraf , TCP Dump
- Security Reports for Suspicious Activities
- Graphical real-time and historical Monitoring
- Log Viewer - 20 different kinds of logs including System boot log, Firewall log, IDS/IPS, VPN, Web proxy logs, Antivirus/Anti spam, System and Admin events, IM activities Log...
- Remote Management

Reports Sample Images



AAA Hotspot Variants for NF UTM Series

1. Default Version (Shipped with all Appliances)
2. Office Version
3. Hospitality Version
4. Educational Version

Free Inbuilt Analyzer for life Time

Netfox Support

Netfox products come with direct OEM support round the clock by trained professionals for product configuration and support. Netfox helps customer on security best practices to make the network hacker free and more reliable.



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