

Datasheet: Check Point UTM-1 Edge N Appliances



UTM-1 Edge N

Check Point UTM-1 Edge N appliances deliver comprehensive, enterprise-class security in an easy to deploy desktop appliance—ideal for small and medium-size businesses and office branches

UTM-1 Edge N Appliances

YOUR CHALLENGE

In the age of global business, remote staff, partners and contractors all demand access to corporate resources—from anywhere and from any PC—in order to work effectively. However, as hacking techniques and malware improve with each generation, the threat of a data breach compels companies to restrict access to sensitive networks and databases, even to the point of impacting profits. Small- and medium-size businesses, with smaller IT budgets and limited resources, can unintentionally limit their own growth. An inexpensive, yet comprehensive solution is needed to provide secure access to critical resources from anywhere, while minimizing the risk of a data breach.

OUR SOLUTION

Check Point UTM-1™ Edge N appliances deliver proven, best-in-class security with reduced cost and complexity, right out of the box! Small- and medium-size businesses can quickly and easily deploy comprehensive protection—including firewall, IPS and anti-malware—at branch and small offices starting at just \$695. Robust performance, powerful central management and advanced wireless options provide unmatched value in a simple, all-in-one solution. The UTM-1 Edge N Series appliances deliver gigabit firewall performance with enhanced security and connectivity.

Security

Best-in-class Integrated Firewall and IPS

UTM-1 Edge N appliances include the industry's most proven firewall technology, based on the same Check Point technologies that secure the Fortune 100. Comprehensive network access control (NAC) allows blocking of unwanted applications such as IM and P2P, while an advanced intrusion prevention system (IPS) ensures protection of remote sites from both known and unknown threats, such as Denial-of-Service, post scans and buffer overflows.

Secure Connectivity

IPSec VPN connectivity secures communications between site-to-site and remote locations. Support for multiple VPN clients—such as Check Point Endpoint Connect, SecureClient, SecuRemote and L2TP—offers flexibility for users.

Anti-malware and Messaging Security

Malware protection is integrated at the gateway, blocking worms and viruses before they enter the network. On-the-fly decompression of unlimited file sizes enables thorough scanning. Check Point Messaging Security blocks spam and provides comprehensive protection for an organizations' messaging infrastructure.

PRODUCT FEATURES

- Best-in-class integrated firewall and intrusion prevention system (IPS)
- Anti-malware, messaging security, Web filtering and network access control (NAC)
- Seamless 802.11n WiFi and 3G wireless connectivity
- Comprehensive traffic management parameters guarantee quality-of-service (QoS)
- Manage up to thousands of remote appliances from a single, central console

PRODUCT BENEFITS

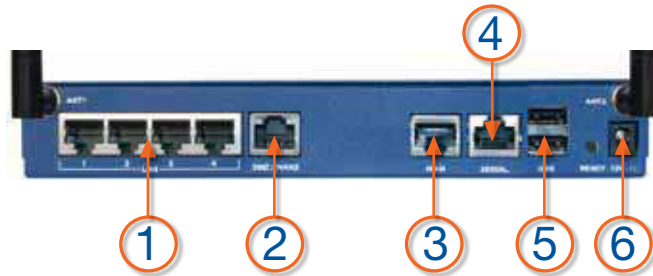
- Comprehensive, enterprise-class security for SMBs and branch offices in a single appliance
- Gigabit firewall performance starting at \$695
- High-availability options ensure that security functions keep pace with business-critical applications
- Quick and easy provisioning for rapid deployment with minimal IT resources



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UTM-1 EDGE NW (Back)

- ① 4 x 10/100/1000BaseT LAN Ports
- ② 1 x 10/100/1000BaseT DMZ Port
- ③ 1 x 10/100/1000BaseT WAN Port
- ④ RJ45 Serial Port
- ⑤ USB Ports
- ⑥ +12V DC for AC Power Adapter



IP reputation anti-spam	Checks the sender's reputation against a dynamic database of known bad IP addresses, blocking spam and malware at the connection level.
Content-based anti-spam	Blocks known spam by comparing a 'fingerprint' of each incoming email with a dynamic database containing millions of known spam signatures.
Block/allow list anti-spam	Blocks email offenders while allowing trusted senders. Can block or allow entire domains.
Mail antivirus	Blocks worms and viruses at the gateway. Supports standard email protocols (POP3, IMAP and SMTP), including Web-based email.
IPS email server protection	Protects against a broad range of threats, including denial-of-service attacks that target the messaging infrastructure itself.

Web Filtering

Best-of-breed URL filtering services allow companies to define Web access policies. Access to potentially malicious Web sites containing spyware and viruses, as well as inappropriate Web content, can be blocked.

Network Access Control (NAC)

802.1X port-based authentication allows NAC based on user privileges and policy compliance at branch offices. Built-in support for the extended authentication protocol (EAP) enables WPA Enterprise and 802.1X access control without an external RADIUS server. This makes NAC easier to use, even in small networks.

Networking

Secure Hot Spot Support

Administrators can easily enable guest access to networks by creating Web-based secure hot spots. User authentication and/or terms-of-use can be required before granting access to corporate resources.

High Availability

High-availability options ensure that security functions keep pace with business-critical applications and other network activity. UTM-1 Edge N appliances support WAN redundancy and load balancing to ensure persistent connectivity and service availability. Should the broadband connection become unavailable, dialup support can provide a backup Internet connection.

Quality-of-Service (QoS)

Comprehensive traffic management parameters—such as weighted priorities, bandwidth guarantees and bandwidth limits—can guarantee QoS for business-critical or latency-sensitive traffic over a single Internet connection. Wireless Multimedia QoS allows companies to prioritize traffic from multiple audio, video and voice applications.

Management

Centralized, Large Scale Management

Administrators can define security policy for the entire network—including internal security, main sites, and remote sites—from a single, centrally located Check Point Security Management or Provider-1 console. With the addition of SmartProvisioning™, a profile-based management add-on designed for large-scale VPN and security installations, administrators can define a single security profile and apply it simultaneously to thousands of UTM-1 Edge N appliances—dramatically reducing deployment time and administrative overhead.

Quick and Easy Setup

UTM-1 Edge N appliances can be set up in less than 10 minutes, offering truly simple deployment to sites that have minimal IT resources. Even non-technical staff can easily perform initial setup and configuration.

Centralized, Automatic Updates

Optional Check Point Update Services provide updates for IPS protections, antivirus signatures, anti-spam database and Web-filtering services. Updates can be downloaded automatically and distributed to remote locations at preset intervals. Configuration and 'best practices' security policies are also included.



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Redundant Internet Connectivity

UTM-1 Edge N Series appliances also provide complete support for PSTN and ISDN, as well as a wide variety of 3G cellular modems. Out-of-bound dial-in is also supported, to ensure access to the appliance even during Internet connection failures.

Hardware Options

Secure Wireless Connectivity

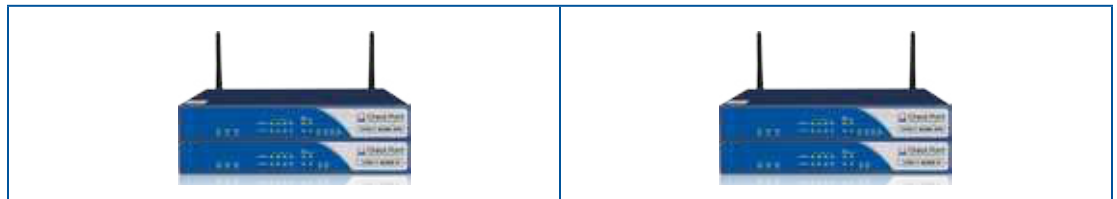
UTM-1 Edge NW appliances integrate a WiFi access point (802.11b/g/n) supporting multiple security protocols, including 802.1x, IPsec over WLAN, RADIUS, WEP, WPA and WPA2

authentication. They also have dedicated WLAN interfaces from which you can set specific security rules for WLAN segments. In addition, the wireless interface can be segmented into as many as four virtual access points, each with separate security policies and encryption methods.

Integrated ADSL Modem

UTM-1 Edge N appliances are available with integrated, high-speed ADSL modems, eliminating the need for external ADSL modems and providing administrators with simple deployment options. The latest standards, including ADSL v2/2+, Annex A and Annex B are supported.

SPECIFICATIONS



UTM-1 Edge Series	UTM-1 Edge N UTM-1 Edge NW	UTM-1 Edge N ADSL UTM-1 Edge NW ADSL
Security Functionality	Firewall, VPN, Intrusion Prevention, Antivirus, Anti-spam, URL Filtering	
On-board Management	Yes	
Wireless LAN	802.11 b/g/n: Edge NW, Edge NW ADSL	
Support for 3G Modem	Yes (NW ADSL)	Yes (NW)
Software Edition	Embedded NGX 8.x	
Ethernet Ports	6 x 10/100/1000BaseT RJ45 (N ADSL includes 1 x 1000BaseF)	
Firewall Throughput	1,000 Mbps	
VPN Throughput	200 Mbps	
IPS Throughput	180 Mbps	
Concurrent Sessions	60,000	
VLANS	64	
Enclosure	Desktop	
Dimensions (W x H x D)	20 x 3.1 x 12.8 cm (7.87 x 1.22 x 5.04 in.)	
Operating Temperature	0° to 35° C (32° to 95° F)	
Operating Humidity	10%-90%, non-condensing	
Power Input	100/240V, 50/60Hz	
Compliance	UL 60950; FCC Part 15, Subpart B, Class A; EN 55024; EN 55022; VCCI V-3; AS/NZS 3548:1995; CNS 13438 Class A (test passed; country approval pending); KN22, KN61000-4 Series, TTA; IC-950; ROHS	



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UTM-1 EDGE N SERIES OF APPLIANCES

SKU	Description
CPUTM-EDGE-N*	UTM-1 Edge N appliance with One Year Total Security, including Firewall, IPS, VPN, NAC, URL Filtering, Anti-Malware and Messaging Security
CPUTM-EDGE-NW*	Wireless UTM-1 Edge N appliance with One Year Total Security, including Firewall, IPS, VPN, NAC, URL Filtering, Anti-Malware and Messaging Security
CPUTM-EDGE-N*-ADSL-*	UTM-1 Edge N ADSL appliance with One Year Total Security, including Firewall, IPS, VPN, NAC, URL Filtering, Anti-Malware and Messaging Security
CPUTM-EDGE-NW*-ADSL-*	Wireless UTM-1 Edge N ADSL appliance with One Year Total Security, including Firewall, IPS, VPN, NAC, URL Filtering, Anti-Malware and Messaging Security
CPUTM-EDGE-N*-*-IND	UTM-1 Edge N Industrial appliance with One Year Total Security, including Firewall, IPS, VPN, NAC, URL Filtering, Anti-Malware and Messaging Security

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