



DATA SHEET

SuperStack[®] 3 Firewall

Key Benefits

Powerful Security

Offers your LANs the most advanced security, including stateful packet inspection to automatically thwart hacker attacks.

High Performance and Availability

A RISC processor and 3Com[®] Fast Ethernet technology allow 100 Mbps throughput on all ports. Configuring two firewalls as a pair delivers high-availability Internet security.

Affordability

Provides highly affordable state-of-the-art ICSA-certified security along with integral, bundled Internet-based support for virtual private networks (VPNs).

Integral VPN Capability

Advanced IPsec VPN technology gives branch offices, remote workers, customers, suppliers, and partners scalable, secure, and fast access at up

to 45 Mbps; supports 168-bit encryption wherever import/export laws allows, in addition to DES 56-bit encryption.

Advanced Content Filtering

Lets you set and enforce Internet access policies; filters URLs by domain name or keyword. Optional filtering allows blocking by content category.

Ease-of-Use

Setting up the SuperStack 3 Firewall can take less than 15 minutes with high-level security preconfigured and a Web-based interface. 3Com Network Supervisor support provides easy custom configuration, monitoring, and remote management.

Limited Lifetime Warranty

Comes with one of the industry's best warranties for your peace of mind.

Cost-effective,
comprehensive and
customizable
network protection

The 3Com SuperStack 3 Firewall secures your network from unauthorized access and other external Internet-originated threats. This ICSA Labs-certified security solution comes preconfigured to detect and thwart denial of service (DoS) and distributed denial of service (DDoS) hacker attacks, including Ping of Death, SYN Flood, Land Attack, and IP spoofing. Through its stateful packet inspection, the firewall denies all unauthorized attempts at network access and generates real-time alerts and reports.

To help track and manage your network's use, the SuperStack 3 Firewall can filter URLs by domain name or keyword, block access by time of day, and block gates for Trojan horses, including cookies and Java and ActiveX applets. The optional SuperStack 3 Firewall Web Site Filter, blocks access to any of 12 content categories, including gambling, pornography, sports or racial intolerance. This option integrates the subscription-based CyberNOT list and enrolls you for automatic weekly updates.

Specifications

Interfaces

Three RJ-45 10/100 BASE-T Ethernet/Fast Ethernet (WAN, LAN, and DMZ) ports with auto-negotiated speed and duplex mode

All ports are Uplink/Normal selectable

Redundant power supply connector: Type 1

Dimensions and Weight

Width: 440 mm (17.3 in)

Depth: 230 mm (9.0 in)

Height: 44 mm (1.7 in)

Weight: 2.55 kg (5.6 lb)

Performance

Up to 30,000 concurrent IP sessions

Up to 1,000 concurrent VPN tunnels

100 Mbps firewall port throughput

45 Mbps VPN DES and 3DES encryption throughput

21 Mbps VPN ARC4 encryption throughput

System

CPU: 233 MHz StrongARM RISC processor

RAM: 16 MB

Flash ROM: 4 MB

Acceleration: VPN crypto. processor

Real time clock: lithium-ion battery

Reliability

MTBF (MIL): 446,000 hours at 25° C/289,000 hours at 50° C

Environmental

Operating temperature: 0° to +50° C (32° to 122° F)

Storage temperature: -10° to +70° C

Humidity: 10 to 95% (noncondensing)

Power

Input voltage: 90-264 VAC

Operating frequency: 47-63 Hz

Standards Compliance

Safety: UL 1950, EN 60950, CSA 22.2 No. 950, IEC 950

Functional: ISO/IEC 8802-3, IEEE 802.3, ICASA certified, IPsec ESP, AH, 56-bit/DES, 168-bit/3DES, 56-bit/ARC4

EN55022 Class A, EN 50082-1, FCC Part 15, Subpart B, ICES-003 Class A, VCCI Class A, EN 55024, CNS 13438 Class A

Environmental: EN 60068 (IEC 68)

Warranty and Non-Warranty Services

Limited Lifetime Warranty, for as long as the original customer owns the product, or five years after the product is discontinued, whichever occurs first. Includes fan and power supply.

After registering the product online, other free support services such as telephone support, faster hardware replacement, and software updates may also be available, depending on regional availability.

Management

Embedded Web GUI interface

3Com Network Supervisor

Event Logging: e-mail

Web site, client, and category blocking

Automatic software upgrades

WebTrends Firewall Suite compatibility

Software Included

50-user software license agreement (SLA) for SafeNet-PK VPN Client 5.01

WebTrends Firewall and VPN Suite 30-day evaluation CD

Ordering Information

3Com SuperStack 3 Firewall 3CR16110-97

Ships with 168-bit (3DES) encryption firmware; available only where allowed by import/export laws.

For more information go to, http://www.3com.com/firewall_global

3Com SuperStack 3 Firewall Web Site Filter 3C16111

Optional Accessories for the Firewall

3Com SuperStack 3 Advanced Redundant Power System Chassis 3C16071B

3Com SuperStack II Advanced Redundant Power System Type 1 60W Power Module 3C16072

Note: High availability and set-up wizard are features of SuperStack 3 Firewall Version 2.0 software, available in calendar 3Q 2001. Additional information may be found at <http://www.3com.com>.

3Com Corporation, Corporate Headquarters, 5400 Bayfront Plaza, P.O. Box 58145, Santa Clara, CA 95052-8145

To learn more about 3Com solutions, visit www.3com.com. 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

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