



## At a Glance

1 WAN, 5 LANs, USB 2.0x2, Console

1U chassis

500 VPNs

# Mako 7582

1 Gbps secure Internet access.

## VPN Concentrator & High Throughput Gateway.

Mako 7582 appliances employ a host of industry-leading security technologies to protect the corporate networks. The Mako 7582 enables organizations to terminate hundreds of Virtual Private Network (VPN) tunnels with the added functionality of the Mako Central Management System (CMS). The Mako System makes it easy to manage, monitor and report on all network activity, in addition to providing world-class security for larger corporate networks.

### 1 Gigabit per second speed

The 7582 takes advantage of fiber optic speeds delivered by modern network infrastructures. This means exceptional performance on single datastreams, and more parallel networks may be processed simultaneously.

### Five LANs in a 1-Unit space

If space in your data center comes at a premium, the Mako 7582 is ideally suited to keep the costs down. Fitting five 1Gbps LANs into a 1U rack space keeps your data center rental footprint low while allowing LAN extensibility for dedicated tasks, such as payment transactions, failover heartbeat configurations or weighted network set-ups.

### High Availability Option

The Mako 7582 can be configured for High Availability failover when deployed with a second Mako 7582 unit. Using two Mako 7582 appliances, inbound VPNs can be diverted to a backup unit in the event of hardware or connection faults.

### IPSec Security

Each 7582 incorporates a powerful stateful inspection firewall, meaning all traffic entering and leaving a network is scrutinized to ensure network connections are authorized.

Standard IPSec VPNs are protected using Advanced Encryption Standard 128-bit or 256-bit encryption to ensure data cannot be intercepted during transmission. Mako also supports Point-to-Point Tunneling Protocol (PPTP) for remote network access.

### Centralized Logging/Reporting

Mako 7582 appliances securely send traffic information back to the CMS every few minutes. This data is used to generate easy-to-understand graphical reports about network usage, including data use by site, user and timeframe, real-time reporting of intrusion attempts, and records of Internet traffic.

### Rated to 500 VPN tunnels (IPSec/PPTP)

The Mako 7582 is a modern hub for your network. Rated to terminate 500 IPSec VPN tunnels, this concentrator is designed for small businesses looking to handle growth spikes and flexible network routing with ease.

### VPN Cloud

This new protocol works alongside IPSec-based protocols, but instead of IP-based authentication delivers ECDSA-based certificates for proof of identity and SSL cryptographic functions. While this offers exceptional network security, VPN Cloud's two main advantages are increased performance and far more flexible network design.

### 24-Hour Remote Control

Because Mako 7582 appliances utilize the cloud-managed Mako Networks CMS, network administrators have 24-hour secure remote control over Internet connections and VPNs from anywhere in the world.

### Built-In Firewall

Port scanning protection can detect and repel intruders attempting to discover network vulnerabilities by blocking IP addresses searching for open ports.

Mako 7582 appliances also protect against internal threats by using worm detection to identify and nullify threats from infected host computers on internal networks.

As all Mako 7582s are managed through the cloud using the CMS, software is automatically patched and updated on every Mako appliance connected to the Internet anywhere in the world.

### Integrated Router

All Mako 7582 units can be used either to terminate VPN connections, or as a high throughput default network gateway.



## Physical and Environmental Specifications

Chassis Dimensions	431 x 305 x 44 mm (L x W x H) (17 x 12 x 1.7 in)
Power Supply	ATX SPS 220W Input AC 100-240 V @ 50/60 Hz
Operating Temperature	32° F to 104° F 0° C to 40° C
Humidity	5% - 95% relative, non-condensing

## Hardware Specifications

Processors	2nd Gen. Intel Core i3-2120 * Pentium G850 * Celeron G540 *
System Memory	4 GB DDR3 1066/1333 MHz, Non-ECC, Unbuffered
Storage	Type II Compact Flash
LAN Interface	5x 10/100/1000 MBps
WAN Interface:	1x 10/100/1000 MBps Ethernet
LCD Screen	2x16 character LCD

## Feature Specifications

LAN / Full	7582: 500 Users, Five LANs, DHCP, Static Routes
Firewall	Inbound, Outbound, Intranet, VPN
VPN / Full	500 Concurrent IPSec / VPN Cloud 10 Concurrent PPTP tunnels

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