

Netgate 1537 1U

Security Gateway Appliance

The Netgate 1537 1U Security Gateway with pfSense® Plus software is an excellent solution for medium to large business to provide flexible configuration and support for multi-WAN, high availability, VPN, load balancing, reporting and monitoring, etc.



With preloaded pfSense Plus software and 10 Gbps SFP+ ports, the Netgate 1537 1U is a fast networking security solution unencumbered by traditional annual contracts, licensing fees, or artificial limitations. It can be configured as a firewall, LAN or WAN router, VPN appliance, DHCP Server, DNS Server, and IDS/IPS with optional packages to deliver a high performance, high throughput front-line security appliance.

Performance



**Best for:**

- Medium to Large Sized Networks with 1U rack mount cabinets
- Medium to Large Sized Branch Office with heavy loads
- Managed Service Providers (MSP) / Managed Security Service Provider (MSSP) On-Premises Appliance
- Anyone with High-Speed 10 Gigabit and/or 1 Gigabit Connections
- Anyone with many VPN connections
- Anyone with high speed connections who wish to configure IDS/IPS features
- Anyone requiring cryptographic acceleration / offload support with Quick Assist, delivered with CPIC Card

Software Features

pfSense Plus software is a free, open-source based firewall and router platform that is functionally competitive with expensive, proprietary commercial firewalls. The pfSense platform can be configured as a stateful packet filtering firewall, a LAN or WAN router, VPN appliance, DHCP server, DNS server, or can be configured for other applications and special purpose appliances.

This next generation pfSense security appliance features include:

- Stateful packet filtering firewall or pure router
- Routing policy per gateway and per-rule for multiple WAN, failover, load balancing
- Transparent layer 2 firewall
- Support for IPV6, NAT, BGP
- Captive portal with MAC filtering, RADIUS support, etc
- VPN: IPsec, OpenVPN, PPTP
- Dynamic DNS client
- DHCP Server and Relay functions
- PPPoE Server
- Reporting and monitoring features with real time information
- IPMI / BMC firewall

Technical Specifications

CPU	Intel "Xeon-DE" D-1537, 1.7 GHz FCBGA 1667 supported SoC
CPU Cores	8
Memory	8GB DDR4 ECC (upgradable to 32 GB)
Options	
Storage	500 GB M.2 SATA SSD
Options	Expandable to 2x 256 GB 2.5" SSD RAID 1
Network	Dual WAN/LAN via Intel® i350-AM2 1 Gbps Ethernet
Interfaces	Dual WAN/LAN via SoC 10 Gbps SFP+ Virtual Machine Device Queues reduce I/O overhead Supports 10 Gbps (SFP+), 100BASE-TX and 1000BASE-T (RJ45)
Network	4-port Intel 1 Gbps
Expansion	2-port SFP+ 10 Gbps
Options	4-port SFP+ 10 Gbps
USB Ports	2x 3.0 ports
Console Port	VGA
Max Active	8 Million
Connections	Up to 32 Million with memory upgrade
Case	Standard 19" 1U rack mount
Dimensions	17.2" (437mm) x 1.72" (43mm) x 9.8" (250mm)
Cooling	Active
Operating	0°C to 60°C (32°F to 140°F)
Temperature	
Hardware	12 Months
Warranty	
Certifications	CE Emission, FCC (Class B), RoHS, UL, UKCA
Power	20W (idle)
Consumption	