pfSense® Security Appliances

The world's premier open source firewall platform, pfSense, tuned and optimized with enterprise-class hardware.

pfSense provides comprehensive network security solutions for businesses of all sizes, bringing together the most advanced technology available to make protecting your network easier than ever before. Our products are built on the most reliable platforms and are engineered to provide the highest levels of performance, stability and confidence.

Netgate's pfSense firewall appliances feature world-class pfSense software, running in high-performance Intel core hardware and fine-tuned for ultimate efficiency and performance. The result: the world's only affordable family of firewalls that deliver 10Gb upstream with virtually limitless VPN/SSL expansion and feature customization. Each pfSense appliance delivers its remarkable performance at prices far below the aging brands often associated with firewalls.

As an open source solution, pfSense's IT structures, protocols, formats, and more are accessible to all skilled developers (with professional auditing for stability and quality) rather than a single vendor's staff. As a result, pfSense has continuously advanced for more than a decade, earning it remarkable appeal to businesses and institutions of all types and sizes. And because there are no additional maintenance or licensing fees, pfSense assists them all with budget relief.

Our engineering team adds to these advantages its unparalleled expertise in networking, computer security, embedded software, and hardware engineering. We test, tune, and benchmark every appliance we bring to market to ensure that everything we offer is an ideal solution for our customers' communications, networking, and security requirements.

The Netgate Advantage

Affordable. pfSense firewall appliances come with the industry's lowest total cost of ownership. Up-front cost is a fraction of traditional pricing, and there are no software maintenance or license fees.

Efficiently powerful. pfSense appliances combine efficient use of power with 1Gb upstream performance. From day one, you're prepared for growing bandwidth needs.

Open source. pfSense is both affordable and flexible, with all the features expected of far more expensive enterprise-class firewalls. Our rich, versatile feature set is fully customizable with any combination of options you prefer.

Made for pfSense. We tune, test, and benchmark every pfSense appliance to get the most of pfSense's advanced capabilities – and provide expert pfSense assistance through pre-deployment.

"pfSense is at the heart of all of my network designs"

- Joseph, Senior Network Engineer Griffin Networks

pfSense Software Features

Every Netgate pfSense appliance comes pre-loaded with the latest version of pfSense software, fully tuned and benchmarked. pfSense is an open source firewall and router platform based on FreeBSD that is comparable with much more expensive, proprietary commercial firewalls.

pfSense can be configured as a stateful packet filtering firewall, LAN or WAN router, VPN appliance, DHCP server, DNS server, or for other applications and special purposes. Next-generation pfSense security features available:

- 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, site-to-site, site-to-client, site-to-cloud and cloud-to-cloud, Cloud Connection Wizard for Amazon AWS
- Dynamic DNS client
- DHCP server and relay functions
- PPPoE server
- Reporting and monitoring features with real time information
- Add-on optional packages such as Snort or Suricata for IDS/IPS and network security monitoring, Squid for optimized content delivery, and SquidGuard for anti-spam/anti-phishing and URL filtering.
- Many more available!

Affordable Security Without Compromise.

Get all of the advanced security features you've come to expect from pfSense, backed by the powerful hardware platform that was created especially for it.

Get Started Today!
sales@netgate.com | www.netgate.com

Hardware Specifications

	SG-2220	SG-2440	SG-4860	SG-4860 1U	SG-8860 1U	XG-2758 1U	XG-1541 1U
Best Used For	SOHO Network Remote Worker	Small Business SMB Network Gigabit Throughput	Medium Business SMB Network Gigabit Throughput	Medium Business SMB Network Gigabit Throughput	Medium Business SMB Network Gigabit Throughput	Medium Business Large Business Expanding Network	Medium Business Large Business Expanding Network
CPU	Intel® "Rangeley" Atom C2338	Intel® "Rangeley" Atom C2358	Intel® "Rangeley" Atom C2558	Intel® "Rangeley" Atom C2558	Intel® "Rangeley" Atom C2758	Intel® "Rangeley" Atom™ C2758 with QuickAssist	Intel® "Xeon-DE" D-1541
CPU Speed	1.7 GHz	1.7 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.1 GHz (2.6GHz Turbo)
CPU Cores	2	2	4	4	8	8	8
Memory	2GB DDR3L	4GB DDR3L	8GB DDR3L	8GB DDR3L	8GB DDR3L	16GB ECC DDR3	16GB - 32GB DDR4
Network Interfaces	2x Intel® 1GbE	4x Intel® 1GbE	6x Intel® 1GbE	6x Intel® 1GbE	6x Intel® 1GbE	2x 10GbE SFP+ 3x Intel 1GbE 1x Intel 1GbE RJ-45/SFP	2x Intel® 1GbE and 2x Intel® 10GbE
Network Expansion	–	–	–	–	–	4x Intel® 1GbE	4x Intel® 1GbE 2x Chelsio 10GbE
Integrated Wireless Option	No	No	No	No	No	No	No
Cooling	Passive	Passive	Passive	Active	Active	Active	Active
Storage Options	4GB eMMC Flash 60GB m.2 SSD	32GB eMMC Flash 128GB mSATA SSD	32GB eMMC Flash 128GB mSATA SSD	32GB eMMC Flash 128GB mSATA SSD 2x 250GB SSD RAID1	64GB eMMC Flash 128GB mSATA SSD 2x 250GB SSD RAID1	150GB 2.5" SSD 2x 150GB SSD RAID1	150GB 2.5" SSD 2x 150GB SSD RAID1
Power Consumption	6W (idle)	7W (idle)	7W (idle)	8W (idle)	9W (idle)	20W (idle)	45W (idle)
Bundled Support	2 incidents (1 year)	2 incidents (1 year)	2 incidents (1 year)	2 incidents (1 year)	2 incidents (1 year)	2 incidents (1 year)	2 incidents (1 year)