

Netgate 1100

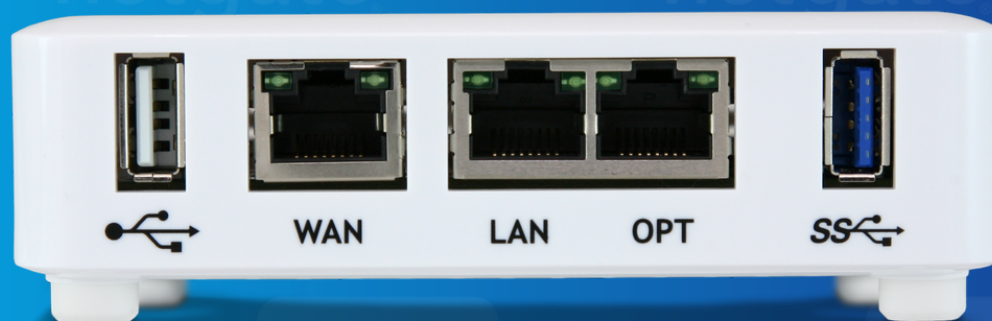
Security Gateway Appliance

The Netgate 1100 Security Gateway is the replacement for the highly successful SG-1000. Experience high-performance firewall, VPN, and router capabilities, easy GUI management, and a robust feature set with no artificial limits or add-ons required to make your system fully functional and no additional usage or feature-based pricing.

Consumer and business customers will quickly appreciate that this product packs a serious punch with pfSense® Plus software, world-class price-performance, elegant packaging, and an unbeatable low price. The Netgate 1100 is underpinned by the powerful, yet energy efficient, 64-bit Marvell ARMADA® 3720 network processing system-on-chip (SoC), which fully leverages dual Cortex® -A53 ARM® processor cores.



For users seeking an excellent firewall with up to 1 Gbps throughput, the Netgate 1100 is the new gold standard.



Key Features

PRICE-PERFORMANCE KILLER

- 5x packet processing performance gain vs. the SG-1000
- Owing to only a slight price increase from the SG-1000 due to new tariffs, nearly a 5X packet filtering price performance gain
- 64-bit ARMv8 networking platform
- Based on the popular Marvell ESPRESSObin design

ENHANCED SECURITY

- Secured by pfSense Plus software

MODERN PACKAGING / FLEXIBLE INSTALLATION

- Cost efficient / Low power
- Sleek, compact, and attractive case
- Quiet operation / Fanless design
- Mount anywhere: Wall and DIN rail mount options are available

IDEAL FOR CONSUMER, SMB, AND SERVICE PROVIDER NEEDS

- Small Office Home Office (SOHO) internet access, home labs, and virtual offices
- SMB, Branch Office, remote worker locations
- Managed Service Providers (MSP) and Managed Security Service Providers (MSSP) services extension
- Extensive use case support

Product Features

LOW TOTAL COST OF OWNERSHIP

- No artificial limits or add-ons required to make your system fully functional
- No additional usage or feature-based pricing. Enjoy unlimited users, unlimited firewall rules, unlimited IPsec tunnels, dual WAN, etc.
- Low power requirements to help save you money
- No moving parts to wear out. This system is designed for a long deployment lifetime

GROWS WITH YOU

- From firewall to multi-function security gateway, get the security you need to protect your home or business
- Flexible configuration and support for multi-WAN, VPN, load balancing, reporting, and monitoring, etc.
- Maximum Active Connections: 1 million

EASY GUI MANAGEMENT

- Manage pfSense settings through our web-based GUI
- No fumbling with a command line interface or typing arcane commands

SECURE REMOTE ACCESS

- Connect via encrypted Virtual Private Networks (VPN) between your offices, let mobile workers connect securely, or connect to the Cloud
- Use the built-in Amazon VPC Wizard to easily establish VPN connections with your Amazon EC2 cloud



Product Features (Continued)

OPEN-SOURCE BASED SOFTWARE

pfSense Plus software is an open-source based firewall and router platform that is functionally competitive with expensive, proprietary commercial firewalls. The Netgate 1100 with pfSense Plus software 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.

This next-generation security appliance features include:

- Stateful packet filtering firewall or pure router
- Routing policy per gateway and per-rule for multiple WAN, 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
- IoT gateway / security endpoint
- [Learn more about the features of pfSense Plus software](#)

Additional Information

- [Quick Start Guide and other Manuals](#)
- Full access to in-depth documentation and recipes that will help you get started, and leverage the full value of pfSense.
- Access to the continuously updated pfSense [online documentation](#)
- ACB Auto-Configuration Backup Service for your Security Gateway
- Access to the archive of education hangouts featuring in-depth pfSense topics hosted by our core developers
- Not POE compatible
- Does not support mSATA or LTE cards
- Ships with 3 foot USB Micro-B to USB-A console cable

Warranty & Support Information

- Community Support is available on our forum [here](#).
- Professional 24x7 Support is available [here](#).
- Standard 30 day return policy
- One year manufacturer's return to depot [warranty](#)
- All specifications subject to change without notice

Technical Specifications

CPU	Marvell Armada 3720LP (88F3720) dual core ARM Cortex A53 processor @ 1.2GHz
System Memory	1 GB DDR4 RAM on board
Storage	8 GB eMMC
Network Interfaces	- 1x Marvell 88E6141 networking switch - 3x 1 Gbps Ethernet (WAN/LAN/OPT)
USB	- 1x USB 3.0 - 1x USB 2.0
Console Port	- 1x USB Micro-B console port
Misc	Reset button, heatsink, 3 Status LED
Power	12V 2A DC 5.5mm x 2.1mm x 10mm jack, center pin positive (power over USB not supported)
Power Consumption	3.48W (idle)
Operating Temperature	0°C (32°F) to 45°C (113°F)
Enclosure	Plastic 110 x 84.6 x 31.75 mm (4.33" x 3.33" x 1.25")
Hardware Warranty	1 year standard with purchase
Certifications	CE, FCC, RoHS, UKCA