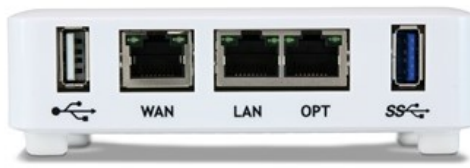


## Netgate SG-1100 microFirewall Firewall Lan or WAN Router

### TECHNICAL SPECIFICATIONS

SoC	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 GbE Ethernet (WAN/LAN/OPT) 1x Mini PCIe slot <sup>(1)</sup>
USB	1x USB 3.0 1x USB 2.0 1x Micro USB port (console)
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. Second year available only at time of purchase.
Certifications	CE, FCC, RoHS



## COMMON USE CASES

- 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

## SOFTWARE FEATURES

pfSense software is a free, open source 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
- IoT gateway / security endpoint
- Network tap
- IPMI / BMC firewall
- [Learn more about the features of pfsense software](#)