




npFirewall

FIREWALL. VPN. ROUTER

- A remarkably powerful, robust, and easy to use solution that delivers edge firewall, router and VPN functionality to homes, businesses, educational institutions, and government agencies - literally across every continent - making networks more robust and secure.

		npFirewall 400	npFirewall 1000	npFirewall 1500
Best Used for		Small Office, Branch Office	Medium/Large Business	Medium/Large Business
Picture				
Spec	Router	2.20Gbps	18.8Gbps	18.8Gbps
	Firewall	964Mbps	18.6Gbps	18.6Gbps
	IPSec VPN	254Mbps	7.12Gbps	9.30Gbps
	CPU	Celeron 2.0GHz 4-Core	Intel Xeon 1.7GHz 8-Core	Intel Xeon 2.1GHz 8-Core
	Memory	4GB DDR4	8GB DDR4	16GB DDR4
	Storage	32GB mSATA SSD	500GB M.2 SSD	500GB M.2 SSD
	Management Ports	4 x 1GbE	2 x 1GbE, 2 x 10GbE	2 x 1GbE, 2 x 10Gb SFP+
	Power	36W	Single 290W	Dual 500W
	Chassis	150x123x33mm	1U 19" Rack Mount	1U 19" Rack Mount

Software Features:

npFirewall 's software competes effectively with far more expensive, commercial alternatives and is used by hundreds of thousands of businesses, educational institutions, and government agencies all over the world. Leading secure-networking features and capabilities include:

- CARP / HA
- DNS Server
- DHCP Server
- IDS/IPS
- Packet capture / inspection
- Port forwarding
- QOS / rate limiters
- Software load balancer (HA Proxy)
- Traffic monitoring
- Traffic logging, statistics, and graphs
- Traffic shaping
- VLAN
- Wake-on-LAN

Contact Us

Your questions and comments are important to us. You can reach us by phone or email.

Professional Services

For professional services inquires and quotes, send us an email at sales@npcore.com and we will reply as soon as possible.

Sales

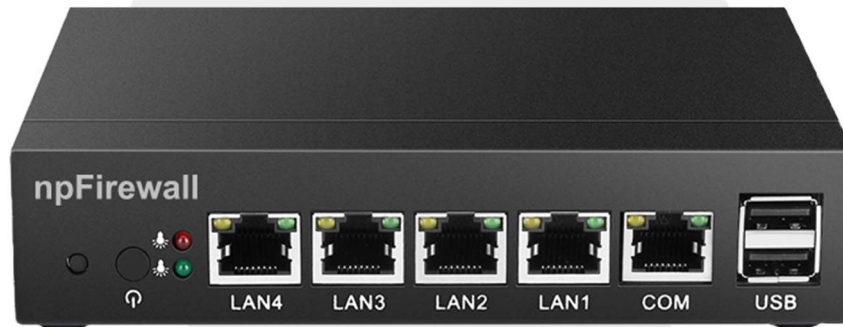
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Support

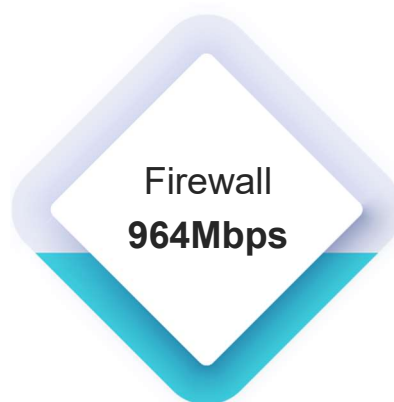
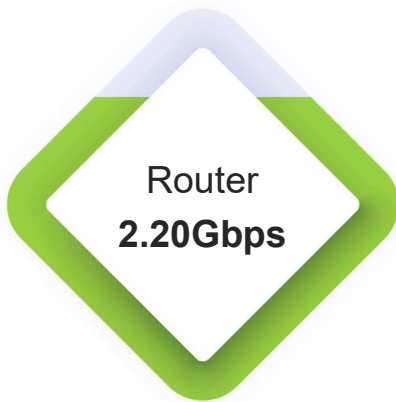
For support inquires and quotes, contact us at +82-2-1544-5317 anytime, 24x7x365.

npFirewall 400 FIREWALL. VPN. ROUTER.

- The npFirewall 400 appliance delivers unbeatable performance and flexibility in its class. It is ideal for home, remote worker, and small business deployments that require more compute resources to support the use of multiple add-on packages and VPN performance to support multiple user- and site-to-site connections. Featuring a Celeron 2.0GHz 4-Core CPU, 4GB of DDR4 RAM, and 32GB mSATA SSD storage.



PERFORMANCE



The npFirewall 400 is a compact and powerful desktop device. Leveraging a Dual core ARM Cortex A53 processor @ 1.2GHz and 4GB of DDR4 RAM, the npFirewall 400 shines as a 2.20 Gbps router, 964 Mbps firewall, or 254 Mbps IPsec VPN solution.

L3 Forwarding

- IPERF3 Traffic: 2.20 Gbps
- IMIX Traffic: 594 Mbps

Firewall

(10k ACLs)

- IPERF3 Traffic: 964 Mbps
- IMIX Traffic: 249 Mbps

IPsec VPN

(AES-GCM-128 / AES-NI w/ SafeXcel)

- IPERF3 Traffic: 254 Mbps
- IMIX Traffic: 90 Mbps



Business Network Topology

DEPLOYMENT:

npFirewall is most often deployed at the classic “network edge”. Each point where a private / local area network (LAN) - home, remote office, headquarters, data center connects to a public Internet or a wide area network (WAN) is an ideal spot to deploy npFirewall to address firewall, router, and VPN needs.

npFirewall carefully designed and packaged for desktop or rackmount deployment. Lower network throughput / processing products are designed for desktop or other visually exposed locations - where aesthetics, heat dissipation, and noise level are important. Mid-level throughput / processing products can be purchased for either desktop or rackmount formats. High throughput / processing products are built for rackmount deployment placement in closets, data centers, or co-location facilities.

KEY 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, high availability, VPN, load balancing, reporting and monitoring, etc.
- Maximum Active Connections: 1 million

EASY GUI MANAGEMENT

- 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

BEST FOR:

- Consumers
- Remote Workers
- Small to Medium-Sized Business Networks
- Small to Medium-Sized Branch Office
- Managed Service Provider / Managed Security Service Provider (MSP/MSSP) On-Premises Appliance

SOFTWARE FEATURES:

npFirewall is a powerful firewall, router and VPN solution that leverages a number of highly-regarded open-source projects. The software competes effectively with far more expensive, commercial alternatives and is used by hundreds of thousands of businesses, educational institutions, and government agencies all over the world. Leading secure-networking features and capabilities include:

- Captive Portal
- CARP / HA
- DNS Server
- DHCP Server
- IDS/IPS
- Packet capture / inspection
- Port forwarding
- QOS / rate limiters
- Software load balancer (HA Proxy)
- Traffic monitoring
- Traffic logging, statistics, and graphs
- Traffic shaping
- VLAN
- Wake-on-LAN

HARDWARE SPECIFICATIONS :

CPU	Celeron 2.0GHz 4-Core
Storage	32GB mSATA SSD
Memory	4GB DDR4
Management Ports	4 x 1GbE
Console Port	MiniUSB
USB Ports	2x 2.0 port
Chassis	150x123x33mm
Power	36W

COMPARISON WITH COMPETITOR :

Feature	npFirewall	S company
Operating system	Free BSD	Linux
Alternative uses	Routing software	None
Intrusion detection	Yes	Yes
Additional features	Wide scope	Limited

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