DATASHEET

Firebox NV5

Includes SD-WAN and VPN capabilities
Up to 200 Mbps VPN throughput, 3 x 1 GbE ports, Up to 5 users

Edge Connectivity for Branch Locations and Remote Applications

Designed to support remote VPN connections back to a corporate virtual or physical Firebox, the NV5 can route traffic back to the corporate security appliance using WatchGuard Branch Office VPN (BOVPN) capabilities to provide the same level of protection as a device sitting at the corporate office. With enterprise-class SD-WAN capabilities, the NV5 is ideal for deployment in remote applications like kiosks, digital signs, ATMs, and office equipment.

"With remote configuration available through WatchGuard Cloud, setup is very simple and the NV5 is easily deployed in our remote locations."
~ Markus Dommer, ACP IT Solutions GmbH

Cloud Managed

Streamline network setup for the NV5 in WatchGuard Cloud. You can easily define network segments, keeping things like VoIP systems or IoT devices separate from your business-critical applications. Creating a VPN deployment is a breeze. With pre-configured policies – you can get up and running quickly – and securely. With Live Status, WatchGuard Cloud provides visibility into your network so that you can make timely, informed, and effective decisions about your network and security configurations.

Zero-Touch Deployment

WatchGuard RapidDeploy makes it possible to eliminate much of the labor involved in setting up a Firebox to work for your network – all without having to leave your office. RapidDeploy is a powerful, Cloud-based deployment and configuration tool that comes standard with the Firebox NV5. Local staff simply connect the device to power and the Internet, and the NV5 automatically downloads and applies the pre-determined configuration.

WatchGuard User Experience

The Firebox NV5 utilizes the same platform as other WatchGuard Firebox, Wi-Fi, authentication, and endpoint solutions. Whether scheduling firmware upgrades or monitoring access points, technicians have one user experience.

Network Adaptation with SD-WAN

Businesses require network solutions that adapt to changing conditions by optimizing network performance and costs. Dynamic path selection picks the most appropriate connection based on real-time monitoring of jitter, packet loss, and latency. Utilizing this technology, the Firebox NV5 makes it easy to reduce the use of expensive MPLS or 4G/LTE and improve network resiliency, while maintaining security.

Features & Benefits

- Branch Office VPN (BOVPN) for fast site-to-site IKEv2 VPN connectivity
- Traffic shaping with comprehensive QoS and bandwidth management capabilities
- USB 4G and LTE modem support for primary link failover
- Stateful firewall found on all Firebox appliances
- Every appliance includes 24x7 support with advanced hardware replacement

Firebox NV5

Technical Specifications

Throughput [1]

Firewall (IMIX)	150 Mbps
VPN (IMIX)	62 Mbps
Firewall (UDP 1518)	410 Mbps
VPN (UDP 1518)	200 Mbps

Capacity

Interfaces 10/100/1000	3
I/O interfaces	1 Serial / 1 USB
Concurrent Connections	73,000
New Connections per second	8,500
VLANs	10
WSM licenses (incl)	0

VPN Tunnels

Branch Office VPN	5
Mobile VPN	5

Security Features

Firewall	Stateful packet inspection, TLS decryption, proxy firewall
Application Proxies	HTTP, HTTPS, FTP, DNS, TCP/UDP, POP3S, SMTPS, IMAPS and Explicit Proxy
Threat Protection	DoS attacks, fragmented & malformed packets, blended threats
Filtering Options	Browser Safe Search

VPN

Site to Site VPN	IKEv2, IPSec[2], Policy[2] and Route Based Tunnels, TLS hub and spoke
Remote Access VPN	IKEv2, IPSec, L2TP, TLS

Visibility

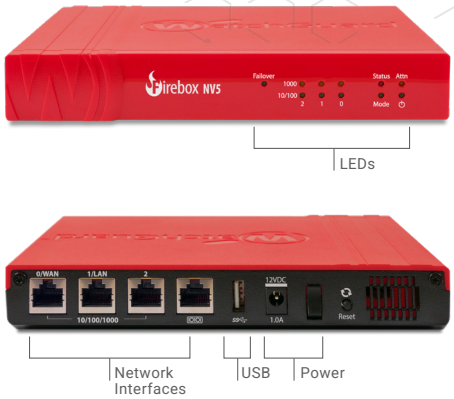
Reporting and Notifications	Live Status Network, VPN, and SD-WAN visibility

Certifications

Security	Pending: CC, FIPS 140-3
Safety	NRTL/CB
Network	IPv6 Ready Gold (routing)
Hazardous Substance Control	WEEE, RoHS, REACH

Networking

SD-WAN	Multi-wan failover, dynamic path selection, jitter/ loss/ latency measurement, load sharing
Dynamic Routing	RIP, OSPF, BGP
High Availability	N/A
QoS	802.1Q, DSCP, IP Precedence
Traffic Management	By policy
IP Address Assignment	Static, DHCP (server, client, relay), PPPoE, DynDNS
NAT	Static, dynamic, 1:1, IPSec traversal, policy-based



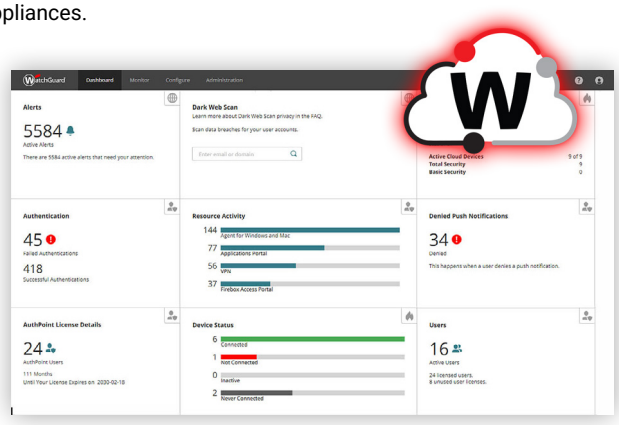
Physical and Power Specifications

Product Dimensions (W x D x H)	7.5” x 6.0” x 1.25” (190 x 152 x 32 mm)
Product Weight	1.98 lbs (0.9 kg)
Shipping Dimensions (W x D x H)	12.1” x 10.2” x 7.2” (308 x 261 x 181 mm)
Shipping Weight	3.1 lbs (1.4 kg)
Power	100-240 VAC Autosensing
Power Consumption	12 Watts
MTBF	1,101,388 hours

Environment	Operating	Storage
Temperature	32 °F to 104 °F (0 °C to 40 °C)	-40 °F to 158 °F (-40 °C to 70 °C)
Relative Humidity	10% to 85% non-condensing	10% to 85% non-condensing
Altitude	0 to 9,843 ft at 95 °F (0 to 3,000 m at 35 °C)	0 to 15,000 ft at 95 °F (0 to 4,570 m at 35 °C)

Simple Set-Up and Configuration

Firebox management and network configuration in WatchGuard Cloud is simple to set up for multiple clients and different networks, without compromising on WatchGuard’s reputation for providing enterprise-level security. And, whether you are deploying security at multiple locations or offering SD-WAN, you can skip sending network administrators for on-site configuration using WatchGuard RapidDeploy – standard with all Firebox appliances.



[1] Throughput rates are determined using multiple flows through multiple ports and will vary depending on the environment and configuration. Max firewall throughput tested via a direct connection using 1518 byte UDP frame based on RFC 2544 methodology. All testing performed on Fireware version 12.8.3.

[2] This feature is only available with WatchGuard System Manager or WebUI management.

For details, talk to your authorized WatchGuard reseller or visit www.watchguard.com.

Contact your WatchGuard reseller or call WatchGuard directly (1.800.734.9905) for help determining the right model for your network. Visit www.watchguard.com/sizing to access the online Product Sizing Tool.

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