

# NR50

Niveo Professional

Multi-WAN Load Balancing VPN Router



## NR50 Multi WAN load balancing VPN Router



The Niveo Professional NR50 Multi-WAN Load balancing router is developed for managing bandwidths and connectivity in advanced residential and commercial environments. The Router is rack mountable.

### **Up to 4 load balanced WAN ports**

The NR50 provides up to 4 ports that can be used as WAN ports so that the use of **multiple WAN or internet connections** can be used simultaneously and as **failover** when one of the ISP connections fail.

### **VPN Connections**

Whether it is for remote support, or branch office connectivity, the extensive VPN tunneling features of the NR50 offer secure option to connect. Up to 30 IPSec tunnels can be build up simultaneously.

### **Intelligent Bandwidth Management**

The many unique Intelligent Bandwidth Management features allow for complete control of the network usage. Bandwidth can controlled on SSID, user and device level. Not only controlling the bandwidth available, but also time based scheduling (for instance to avoid the kids downloading after a certain hour), prioritizing and even services based.

### **Behavior Management**

The Internet behavior management function can effectively limit or even block P2P and similar software.

### **Quality of Service**

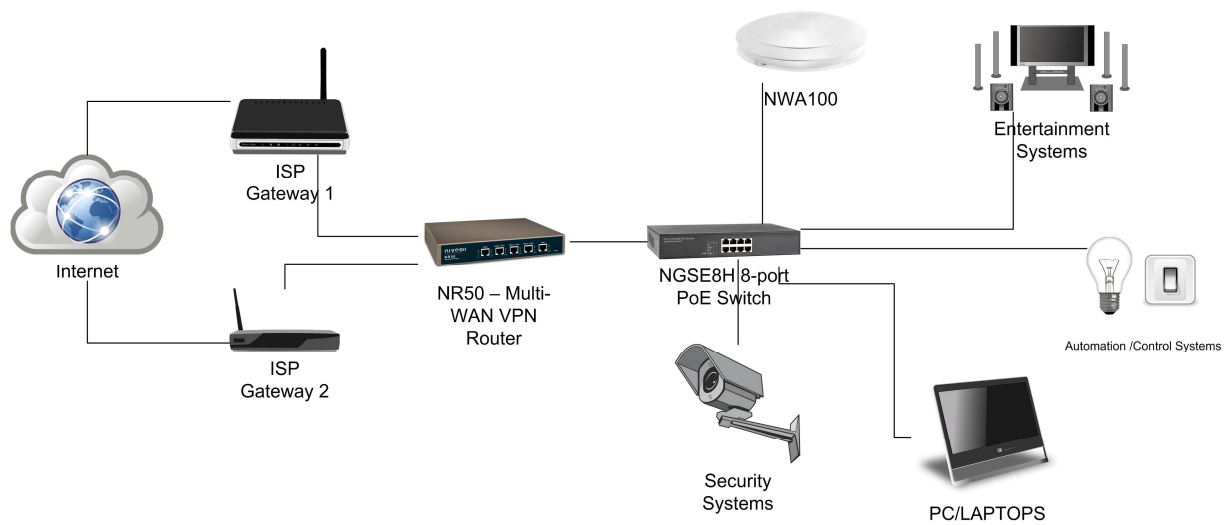
With the Quality of Service management of the NR50 prioritization of data streams can be established. For instance assuring a minimum bandwidth available for security camera signals. Even when HD video is streamed at the same time.

## Applications

The NR50 Multi-WAN load balancing VPN router can be deployed in a wide array of situations for both residential and commercial applications.

It's VPN capabilities ideally allow secure connections with remote locations like branch offices, second homes, office-to-home, security companies and remote support.

The availability of Multiple WAN ports makes both bandwidths and failover between providers optimized for 'always on' networking.





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## SPECIFICATION

Hardware Specifications	
CPU	ARM 550MHz
RAM	128MB
Flash	8MB
Concurrent Sessions	32000
Multi-WAN	Supports up to 4 WAN ports with load balancing
Standards and Protocols	IEEE 802.3, IEEE802.3U, IEEE802.3ab, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS, IPSec, PPTP, L2TP
Basic Functions	
DHCP	DHCP Server/Client, DHCP Client List, Static Assignment
MAC Clone	Modify WAN/LAN MAC Address
Switch Setting	Port Mirror, Rate Control, Port Config
WAN connection type	Dynamic IP, Static IP, PPPoE
Advanced Functions	
Load Balance	Intelligent Load Balance, Policy Routing, Protocol bridging
NAT	One-to-one NAT, Multi-nets NAT virtual Servcer, DMZ Host
Traffic Control	IP-based Bandwith control, Limited Bandwith, Time Scheduled Policy
VPN	
IPSec VPN	30 IPSec site-to-site tunnels for connectivity to branch office, support network, security network or office to home.
PPTP VPN	15 Tunnels PPTP
L2TP VPN	15 Tunnels L2TP
VPN Pass-through	IPSec, PPTP, L2TP

Security	
Application Control	IM, P2P, Proxy, WEB Media, Protocol
IP-MAC Binding	Static IP-MAC Binding, Dynamic Binding
Attack Defence	ARP Defence, DDOS Defence
Filter Setting	Client Filter, URL Filter, MAC Filter
Other	
Certification	CE, FCC, RoHS
Power Supply	AC 100-240V ~ 0.1A 50/60Hz
Dimensions	440 x 208 x 44mm / 17,32 x 8,19 x 1,73 Inch
Package content	NWA100 router, Power cord, User guide, 4 anti slip cushions, 2 L-mounts
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

*\*) NB, All security measures, including in networking are designed and deployed to make attacks or misuse more difficult, but cannot ultimately prevent attacks or breaches.*

The logo for Niveo Professional features the word "niveo" in a dark blue, lowercase, sans-serif font. The letter "o" is stylized with a blue-to-white gradient and a white shadow effect. To the right of "niveo" are three vertical bars of increasing height, also with a blue-to-white gradient. Below the logo is a thin horizontal line.

niveo

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