



## PRODUCT OVERVIEW

- Manage and Monitor upto five WAN connections. QN-S-100 supports up to 4 Wired WAN ports and one cellular (USB) WAN port. Administrators can implement Link Load Balancing policies based on various protocols to optimize WAN usage and steer traffic to links in accordance with corporate needs.
- Sentry of branch networks - Administrators can manage inbound access, outbound access and Tunnels on a single device. Inbound access (L2TPVPN), outbound access and Tunnels (IPsec and GRE) can be implemented. Administrators can deploy various network topologies as per their Wide Area Network requirements.
- Swiss knife of networking tools would need - QN-S-100 with many integrated tools such as external captive portal support and lots of other add-on features. Such features extend the functionality to many facets such as an external captive portal that allows administrators to onboard guests, dynamic routing protocols etc.
- Device can be used to implement policy-based routing as well as firewall rules. Reduces device count and total cost of ownership at branches.
- Application policing and URL blocking - Application policing allows administrators to Monitor, block and shape traffic by application. URLs blocking policies can also block URLs as well as filter protocols and ports. This gives administrators complete control over implementing WAN traffic policies.
- Anywhere - Anytime manageability - All Gateway devices can be managed centrally using the Quantum Rudder platform or through Quantum Ace on mobile devices. Instantly get alerts when a link is down or when a branch is down. Powerful logs and analytics help to manage branch connectivity at scale with ease.

## KEY SPECIFICATION

<b>Interface-WAN</b>
Intelligent ISP failover
Link Method DHCP, Static IP, PPPoE
Link health check
Surfing quota
Dynamic DNS service
VLAN support
<b>Interface- LAN</b>
Multiple LAN network
Independent DHCP server for each network
Extended DHCP options
DHCP lease reservation
DNS cache and proxy support
<b>Tunnels</b>
IPsec VPN
GRE tunnel
Q-Bond
<b>Inbound Access</b>
Port forwarding on LAN clients
L2TP server for remote client connection
<b>Outbound Access</b>
Multiple algorithms for outgoing traffic
Intelligent failover on multiple ISP
Per-service load distribution on multiple ISP
Secure session persistence
<b>NAT Mappings</b>
Many to one NAT for outbound access
One to one NAT for inbound / outbound access
<b>Routing Protocols</b>
RIP, OSPF, BGP
<b>Firewall</b>
Device DoS protection
Stateful -firewall
IDP lite (Intrusion Detection and Prevention)
Application policy control
Per device session control

<b>Bandwidth Management</b>
Shared bandwidth for group of devices
Bandwidth allotment per device
Bandwidth allotment per service
<b>Other Features</b>
Dual stack (IPv4, IPv6)
Data usage analytics
External captive portal support
RADIUS support
Secure device access
Zero touch provisioning
Supports ALG (Application Layer Gateway)
NTP support
Real time bandwidth usage

## DEVICE SPECIFICATION

<b>WAN Interface</b>
2x 10/100/1000 ethernet port
1x USB interface
<b>LAN Interface ( 2 LAN interfaces can be convert into WAN)</b>
4x 10/100/1000 ethernet port
1x SFP port
<b>Number of IPsec / GRE</b>
5
<b>Power Input</b>
12V 1.5A 220/110 power adapter
<b>Dimension</b>
Height: 32mm, Length: 104mm, Breadth: 260mm
<b>Operation Temperature</b>
0°C to 65°C
<b>Humidity</b>
15% - 90% (non-condensing)
<b>Warranty</b>
3 Years limited warranty