



# GATEWAY | QN-S-200

## PRODUCT OVERVIEW



Centrally Managed  
By Rudder



Multiple VLAN  
Network



Routing  
Protocols



2x ETH, 2xUSB  
WAN Interface



6x ETH, 2xSFP+  
LAN Interface



3 Years  
Warranty

# GATEWAY | QN-S-200

## PRODUCT OVERVIEW

- Manage and Monitor uptoSix WAN connections. QN-S-200 supports upto 4 Wired WAN ports and two 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 your branch networks - Administrators can manage Inbound access, Outbound access and Tunnels on one 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 you would need - QN-S-200 with many integrated tools such as external captive portal support and lots of other add on features. Such features extends the functionality to many facets such as external captive portal allows administrators to onboard guests, dynamic routing protocols etc.
- QN-S-200-R variant can be configured as the RUDDER on premise dedicated appliance, which will be used to manage and monitor Quantum Networks access points and network switches centrally.
- 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. URL blocking policies can also block URL as well as filter protocols and ports. This gives administrators complete control on implementing WAN traffic policies.
- Anywhere - Anytime manageability - All Gateway devices can be managed centrally using Rudder cloud management platform or through Qunatum Ace on your mobile devices. Instantly get alerts when a link is down or when a branch is down. Powerful logs and analytics help you manage you branch connectivity at scale with ease.



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# GATEWAY I QN-S-200

## KEY SPECIFICATIONS

### Interface

#### WAN

- Intelligent ISP failover
- Link Method DHCP, Static IP, PPPoE
- Link health check
- Surfing quota
- Dynamic DNS service
- VLAN support

#### LAN

- Multiple LAN network
- Independent DHCP server for each network
- Extended DHCP options
- DHCP lease reservation
- DNS cache and proxy support

### Tunnels

- IPsec VPN
- GRE tunnel
- Q-Bond

### Inbound Access

- L2TP server for remote client connection
- Port forwarding on LAN clients

### Outbound Access

- Multiple algorithm for outgoing traffic
- Per-service load distribution on multiple ISP
- Intelligent failover on multiple ISP
- Secure session persistence

### NAT Mappings

- Many to one NAT for outbound access
- One to one NAT for inbound / outbound access

### Routing Protocols

- RIP
- OSPF



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# GATEWAY I QN-S-200

## KEY SPECIFICATIONS

### Firewall

Stateful firewall

Device DoS protection

Application policy control

Per device session control

### Bandwidth Management

Shared bandwidth for group of devices

Bandwidth allotment per device

Bandwidth allotment per service

### Other Features

External captive portal support

RADIUS support

Secure device access

NTP support

Data usage analytics

Real time bandwidth usage

WLAN Controller



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# GATEWAY | QN-S-200

## DEVICE SPECIFICATIONS

### WAN Interface

2x 10/100/1000 ethernet port

2x USB interface

### LAN Interface ( 2 LAN interfaces can be convert into WAN with additional License)

6x 10/100/1000 ethernet port

2x SFP+ port

### Number of IPsec / GRE

20

### Power Input

Dual DC-in for redundancy

12V 3.34A,40W Power adapter

### Dimension

Height: 44mm

Length: 201mm

Breadth: 300mm

### Operation Temperature

0°C to 40°C

### Humidity

15% - 90% (non-condensing)

### Warranty

3 Years limited warranty



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## ORDERING INFORMATION

Part Number	Description
QN-S-200	Quantum Gateway S-200 with Dual-WAN ethernet(1G) ports, WAN Ports: 2x GE, 2x USB, LAN Ports: 6x GE,2 SFP+(10G), Additional WAN port activation separately as paid upgrade, 3 year hardware warranty with rudder cloud controller license, Includes power adaptor
QN-S-200-R	Quantum Gateway S -200 as Rudder on premise dedicated appliance WAN Ports: 2x GE, 2x USB, LAN Ports: 6x GE,2 SFP+(10G), Additional WAN port activation separately as paid upgrade, 3 year hardware warranty, Includes power adaptor



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