



PRODUCT OVERVIEW

- Manage and Monitor multiple WAN connections and two cellular (USB) WAN ports. 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.
- 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 you would need - QN-S-400 with many integrated tools such as external captive portal support and lots of other add on features. Such feature extends the functionality to many facets such as external captive portal 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.
- 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

Interface-WAN
Intelligent ISP failover
Link Method DHCP, Static IP, PPPoE
Link health check
Surfing quota
Dynamic DNS service
VLAN support
Interface-LAN
Multiple VLAN 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
Port forwarding on LAN clients
L2TP server for remote client connection
Outbound Access
Multiple algorithms for outgoing traffic
Intelligent failover on multiple ISP
Per-service load distribution 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, BGP
Firewall
Device DoS protection
Stateful -firewall
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
Data usage analytics
External captive portal support
RADIUS support
Secure device access
NTP support
Real time bandwidth usage

DEVICE SPECIFICATION

WAN Interface
4 x 10/100/1000 ethernet port
2 x USB interface
LAN Interface (LAN interfaces can be convert into WAN with additional License)
4 x 10/100/1000 ethernet port
1 x SFP port
4 x SFP+ port
Number of IPsec / GRE
100
Power Input
AC-input
1+1 Redundant ATX 300W PSU
Dimension
430 (W) x 44 (H) x 400 (D) mm
Operation Temperature
0~40°C (32~104°F)
Storage Temperature
-20~80°C (-4~176°F)
Relative Humidity
0 to 90% @ 40°C, non-condensing
Warranty
3 Years limited warranty

ORDERING INFORMATION

Part Number: QN-S-400
Quantum Gateway S-400 Multi WAN Device
WAN Ports: 4x1G ETH, 2 USB Port
LAN Ports: 4x1G ETH, 1x1G SFP, 4x10G SFP+Interface
1 Console Port, 1 Management Port
Additional WAN port activation separately as paid upgrade
3 year hardware warranty with rudder cloud controller license