



NEXT-GENERATION MULTI-WAN GATEWAY

MPLS Augmentation | WAN Load Balancing | Link Bonding | VPN Bonding | Inbound Load Balancing | WAN Optimization
Application-Aware Routing | Application QoS | Centralized Management | Logging & Reporting | Network Security

Q-Balancer appliance is a next generation multi-WAN gateway solution that guarantees continuous connectivity for enterprise and cloud-based applications by load balancing and optimizing both outbound and inbound traffic across multiple WAN links. Q-Balancer appliance is incorporated with a variety of advanced network features, enabling enterprises to take full control of their WAN networks.

Unlike the traditional NAT-based link load balancing solutions, the WAN load balancing capability of Q-Balancer comes with application-awareness to ensure unbreakable connectivity and service level availability for corporate and cloud-based applications. Q-Balancer appliance is able to classify applications and route or distribute traffic across a variety of Internet connections based on business policy, and so helps enterprises effectively harness multi-cloud networks. Q-Balancer appliance transforms inexpensive broadband connections into an enterprise-grade WAN. Better application delivery can be achieved with its ability of intelligent traffic steering, which works in conjunction with application-aware routing, dynamic path selection, and path monitoring to provide desired performance for applications.

QB-300D is a low-cost version of QB-300, equipped with 6 x GbE ports, and in compact design with dimension (260×178×44 mm). This desktop appliance ensures connectivity while providing key features for enterprises including routing, firewall and bandwidth management.

CONNECTIVITY AUGMENTATION

Delivers a business-class, secure, and simple cloud-enabled WAN connection with as much open and software-based technology as possible. Q-Balancer enables enterprises to flexibly expand network scale, delivers optimal access for both site-to-site and cloud applications.

COST SAVING

Leverages low-cost broadband connections and offloads non-critical or general traffic from expensive MPLS connections. Its centralized management system solution reduces time, cost, and probable human-errors associated with deployment and daily management for edge devices.

BETTER APPLICATION DELIVERY

Classifies business applications and selectively directs traffic down the optimal path. Application delivery works in conjunction with path monitoring and policy-based load balancing. The solution tracks network characteristics of data plane tunnels and uses the collected information to compute optimal paths for data transmission.

NETWORK SIMPLIFICATION

Reduces the reliance on expensive certified specialists as its configuration is simple and fast through the intuitive and user-friendly user interface. The solution also reduces the reliance on hardware appliances like routers, DHCP server, firewall, etc. With its consolidated features, WAN cost and complexity are lowered for branch networks.

HIGHLIGHTS

- > Improving WAN reliability and performance
- > Optimal application delivery
- > Increasing VPN reliability and performance
- > Augmenting MPLS reliability and performance
- > Flexibly increasing WAN scalability
- > Ensuring accessibility to internal server for external requests
- > Lowering WAN OpEx and CapEx
- > Mitigating potential security threats
- > Reliable Internet connectivity for branch networks anywhere
- > Enhancing dynamic routing capability
- > Minimizing effort for branch devices installation
- > Simplifying branch network infrastructure
- > Increasing backhaul capacity



QB-300D



Designed for Recommended Users ¹ Small and Medium
100 - 500

SPECIFICATIONS

SYSTEM

Throughput (bps) 300 - 1500 M
WAN Links 5 - 25
Concurrent Connections 800K
Connections per Second 40K

HARDWARE

Network Interfaces (GbE) 6
Hardware LAN Bypass (Pairs) 1
User-defined Port •
USB 4G Modems ² 1
Inbuilt Wi-Fi Support ³ •
Inbuilt Storage ⁴ •

DIMENSION

Form Factor Desktop
W x D x H (mm) 260 x 180 x 44
Net Weight (Kg) 2

ENVIRONMENT

Power Supply External Adapter
Max. Power Consumption (Watt) 60
Operating Temperature (°C) 0 ~ +40
Storage Temperature (°C) -20 ~ +70
Humidity 10% ~ 90% RH, non-condensing
Certifications FCC, CE, RoHS
Warranty 1-Year Limited Warranty

Remarks: ¹ Recommendation for sizing purposes only. No software restrictions applied. ² USB 4G Modem works as failover mode. ³ Wi-Fi module is an option to supported models. ⁴ Inbuilt storage is an option. ⁵ All specifications are subject to change without prior notice.

ORDERING INFORMATION

PRODUCT	SKU	DESCRIPTION
QB-300D w/300Mbps	QB-300D-1	QB-300D-1 is a compact design and low-cost version of QB-300-1. It supports 5 WAN links, 20 bonding tunnels, and 300Mbps throughput
QB-300D w/600Mbps	QB-300D-2	QB-300D-2 is a compact design and low-cost version of QB-300-2. It support 25 WAN links, 350 bonding tunnels, and 600M throughput.
QB-300D w/900Mbps	QB-300D-3	QB-300D-3 is a compact design and low-cost version of QB-300-3. It support 25 WAN links, 350 bonding tunnels, and 900M throughput.
QB-300D w/1200Mbps	QB-300D-4	QB-300D-4 is a compact design and low-cost version of QB-300-4. It support 25 WAN links, 350 bonding tunnels, and 1200M throughput.
QB-300D w/1500Mbps	QB-300D-5	QB-300D-5 is a compact design and low-cost version of QB-300-5. It support 25 WAN links, 350 bonding tunnels, and 1500M throughput.