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 works in conjunction with application-awareness, which ensures unbreakable connectivity and increases service level and availability for corporate and cloud-based applications. Q-Balancer appliance is able to route or distribute traffic across a variety of Internet connections through the best-performing or least-loaded links based on business policy; it helps enterprises effectively harness multi-cloud networks and transforms inexpensive broadband connections into an enterprise-grade WAN.

QB-200 appliance is in compact design with 4 and 6 GbE ports. This desktop appliance provides enterprises with reliable internet connectivity while providing useful features including bandwidth management, bandwidth management, monitoring, and firewall.

WAN RELIABILITY AND PERFORMANCE

Provides enterprises with unbreakable connectivity and increases service level and availability through routing or distributing traffic across a variety of Internet connections via the best-performing or least-loaded links based on business policy.

COST SAVING

Leverages inexpensive broadband connections and transforms them into an enterprise-grade WAN. The appliance offloads non-critical and general traffic from expensive MPLS circuits to save its expensive bandwidth for business-critical applications. The solution of centralized management system helps enterprises reduce 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 appliance tracks characteristics of all paths and uses the collected information to compute optimal paths for data transmission.
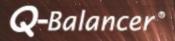
NETWORK SIMPLIFICATION

Reduces the reliance on expensive certified specialists as its configuration is simple and fast. The appliance helps enterprises mitigate the reliance on other network devices like routers, DHCP server, firewall, etc. With the consolidated features and user-friendly user interface, the complexity of network management can be lowered to certain level 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

Q-Balancer®

SPECIFICATIONS

QB-200

Designed for	Small and Medium
Recommended Users [1]	100- 300

SYSTEM

Throughput (bps)	200- 2000 M
WAN Links	5 - 10
Concurrent Connections	100K
Connections per Second	10K

HARDWARE

CPU	Quad Core
Network Interfaces (GbE)	4/ 6
Hardware LAN Bypass (Pairs) [2]	●
User-defined Port	●
Inbuilt 4G LTE/ Wi-Fi Module [3]	●
USB 4G Modems [4]	●
QBReport [5]	●

DIMENSION

Form Factor	Desktop
W x D x H (mm)	200 x 44 x 174 / 210 x 44 x 214
Net Weight (Kg)	1.2

ENVIRONMENT

Power Supply	External Adaptor
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] LAN Bypass pair can optionally be added. [3] 4G LTE or Wi-Fi Module can be optionally added. [4] USB 4G Modem only works as failover line. [5] QBReport is an option. [6] All specifications are subject to change without prior notification.

ORDERING INFORMATION

PRODUCT	SKU	DESCRIPTION
QB-200 w/200Mbps	QB-200-1	QB-200-1 is equipped with 4 x GbE ports and supports 5 WAN links, 15 bonding tunnels, and 200Mbps throughput
QB-200 w/400Mbps	QB-200-2	QB-200-2 is equipped with 4 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 400M throughput.
QB-200 w/600Mbps	QB-200-3	QB-200-3 is equipped with 4 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 600M throughput.
QB-200 w/800Mbps	QB-200-4	QB-200-4 is equipped with 4 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 800M throughput.
QB-200 w/1000Mbps	QB-200-5	QB-200-5 is equipped with 4 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 1000M throughput.
QB-200 w/2000Mbps	QB-200-1-2G	QB-200-1-2G is equipped with 4 x GbE ports and supports 5 WAN links, 15 bonding tunnels, and 2000Mbps throughput
QB-200 w/200Mbps	QB-200-6P-1	QB-200-1 is equipped with 6 x GbE ports and supports 5 WAN links, 15 bonding tunnels, and 200Mbps throughput
QB-200 w/400Mbps	QB-200-6P-2	QB-200-2 is equipped with 6 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 400M throughput.
QB-200 w/600Mbps	QB-200-6P-3	QB-200-3 is equipped with 6 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 600M throughput.
QB-200 w/800Mbps	QB-200-6P-4	QB-200-4 is equipped with 6 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 800M throughput.
QB-200 w/1000Mbps	QB-200-6P-5	QB-200-5 is equipped with 6 x GbE ports and supports 10 WAN links, 100 bonding tunnels, and 1000M throughput.
QB-200 w/2000Mbps	QB-200-6P-1-2G	QB-200-1-2G is equipped with 6 x GbE ports and supports 5 WAN links, 15 bonding tunnels, and 2000Mbps throughput