

QNO QVF8072



QVF8072 is a perfect security appliance designed specifically for small to medium enterprises to establish business networks with robust security/ease of use VPN connections. It contains four WAN ports and eleven Ethernet/Fast Ethernet LAN ports to deliver high interface flexibility and scalability for Internet access and your private network. With comprehensive manageable functions combining firewall, VPN, QoS, NAT, and powerful traffic management, this router brings an elegant all-in-one solution to enterprise businesses, service providers, call centers, and data centers.

Most of all, this appliance equipped Qno's exclusive VPN features, QVM SmartLink & QnoKey, provides extremely easy VPN setup and plug-and-play convenience to remote gateways and mobile users. Featuring four WAN ports, QVF8072 can simultaneously connect up to four different broadband services, so in the unlikely event that one unit fails; the remaining connections will continuously provide connectivity to the internet and remote networks.

The device also supports Intelligent Balancer (Auto Mode) and User's specify mode for multi-WAN traffic management, as well as Quality of Service (QoS) for network administrators to control both guarantee/minimum bandwidth and limit maximum bandwidth or to set priority for different services.

Moreover, this router offers a unique DMZ port and it allows you to setup public server without exposing your internal network. More than just a NAT router, QVF8072 provides a build-in advanced firewall protecting enterprise networks from various malicious attacks. The product uses stateful packet inspection (SPI) to examine all data packets passage against a set of custom security policies. It also built with an automatic protection to detect and block Denial of service (DoS) attacks such as SYN flooding, IP Spoofing, LAND, Ping of Death and etc. NAT functionality with firewall conceals network address avoiding the disclosure as public information and also provides a solution for IP address depletion problem.

The product also has the reverse NAT capabilities that enable users to host various internet services in the private IP address space, such as web servers, e-mail servers and etc. The VPN functionality in this product provides the security for transferring sensitive data. Qno's VPN functionality has been verified to have interoperability with other VPN appliances conforming to IPSec protocol. This appliance implements the Authentication Header (AH) and Encapsulating Security Payload (ESP), as well as key management protocols in both automatic IKE and manual mode to provide anti-replay service, confidentiality authentication, and integrity for data stream.

MICHAELSOFT DDS SDN BHD (767256-K)

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QVF8072 supports up to 200 IPSec VPN tunnels and 2 Group IPSec VPN settings, as well as 50 PPTP VPN tunnels. Group VPN setup allows VPN client deployment with one router configuration file. Except the standard IPSec VPN, this appliance also contains two additional exclusive VPN functionalities. QVM SmartLink is a special design to easily and quickly establish VPN tunnels by simply setting three parameters while remaining the same security as IPSec VPN.

QnoKey is the USB device designed for single PC to easily build-up secured connection with this router without any VPN setting on PC site. This security router's build-in core management tool provides a highly flexible, effective, and easy to use management environment for the network administrator. It comes with a comprehensive web-based management interface for more flexible and easily configured in different web browser. The SysLog and traffic statistic information allow network administrator to easily control and monitor the end users and then take the proper action to efficiently utilize network resource.

The QNO QVF8027 is only AVAILABLE in **Malaysia** and is exclusively brought to you by MichaelSoft **DDS** SDN BHD. For more information, do not hesitate to **contact us**.

Specifications:

Hardware	
Network Processor	Intel IXP425 533MHz
Flash	16MB(128Mbit)
DRAM	64MB(512Mbit)
Build-in Power Supply	100~240v
Network Interface	
WAN Interface	2~4
LAN Interface	11~13
DMZ Interface	1
Performance	
Max. Sessions	70,000
NAT Throughput	200Mbps
VPN Performance	3DES/90Mbps
Multi WAN Traffic Control	
Line Backup	Yes
Network Detection	Yes
Session-based Load Balance	Yes
IP-based Load Balance	Yes
Strategic Routing	Yes
Protocol Binding	Yes
WAN Connection	
DHCP IP Assignment	Yes
Fixed IP Assignment	Yes
ADSL PPPoE	Yes
PPTP	Yes
Transparent Bridge	Yes
IP Management	
DHCP Server	Yes (253)

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IP & MAC Binding	Yes
MAC Control	Yes
IP Group	Yes
QoS	
Smart QoS	Yes
Min. Bandwidth by IP/Port	Yes
Max. Bandwidth by IP/Port	Yes
Priority	Yes
Session Control by IP	Yes
Firewall	
SPI/DoS Detect	Yes
Attack Logging	Yes
Access Control	Yes
URL/Keyword Filter	Yes
Block Java/Cookies/ActiveX/ HTTP Proxy	Yes
Block Multicast Packet	Yes
Block WAN Request	Yes
Prevent ARP Attack	Yes
VPN	
Max. IPSec Tunnels	300*
Authentication	MD5/SHA1
Encryption	DES/3DES/AES
IKE Key Management	Yes
VPN Backup	Yes
VPN Hub	Yes
Group VPN	Yes
QVM SmartLink VPN Server	Yes*
QVM SmartLink VPN Client	Yes
PPTP VPN Server	120 clients*
QnoKey Server	Yes*
VPN Passthrough	Yes
NAT	
One-to-One NAT	Yes
PAT Address Translation	Yes
DMZ/Virtual Server	Yes
NAT ALG	Yes
UPnP Support	Yes
IP Routing	
Static Routing	Yes
Dynamic Routing RIPI/II	Yes
DDNS	
QnoDDNS.org.cn	Yes
3322/DynDNS	Yes
Simultaneous Multiple DDNS Deployment	Yes
Port Management	
Configurable Port	Yes
Status Display	Yes

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VLAN	Yes
Mirror Port	Yes
System Administration	
Web-based Management	Yes
Firmware Upgradeable	Yes
Configuration Backup/ Recovery	Yes
Remote Management	Yes
SNMP	Yes
Diagnostic Tool	Yes
NTP Synchronize	Yes
System Monitoring	
Syslog Support	Yes
System/Firewall Logging	Yes
Email Alarm	Yes
Traffic Status	Yes
SNMP Trap	Yes
Physical Size	
Dimension	483x255x44mm

* IPsec, QVM SmartLink, PPTP, & QnoKey VPN tunnel numbers are adjustable.

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