

# FQR 7109: Multi-WAN QoS Router

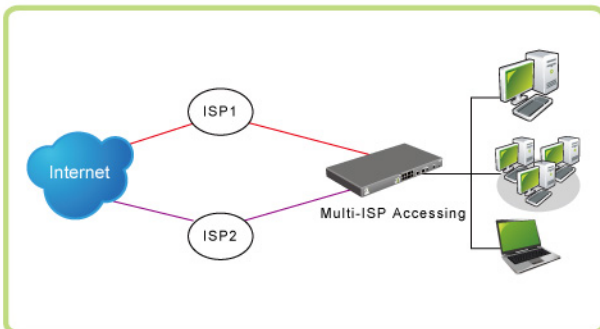
Best choice for SMBs with outstanding features



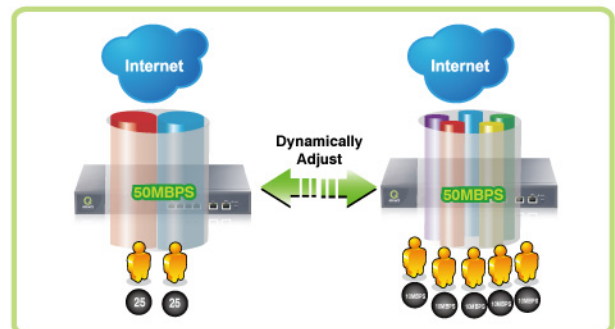
• FQR7109

FQR7109 is a QoS Firewall router for Small Business & Internet Cafe. It can realize bandwidth aggregation by connecting to additional ADSL or fiber optical line as containing two-WAN design. In the meantime, two-WAN delivers the functionality of Load Balancing that is, according to sessions or IP addresses, each line gets the average utilization at the same time, realizing an optimization of bandwidth usage. Also, with the support of hardware NAT acceleration, users could visit the internet more quickly even when there are around 100 PCs in LAN.

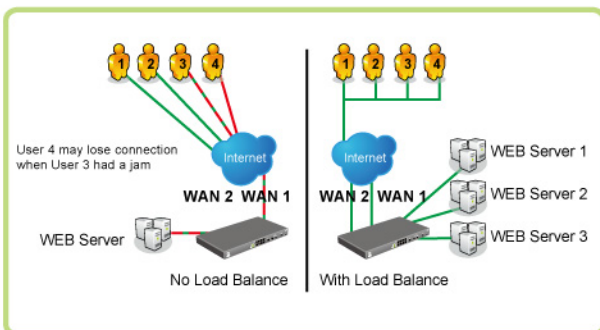
Besides, FQR 7109 is a highly integrated device with 3G/4G wireless Internet, exclusive SmartQoS, powerful firewall and management system. This router's easy-to-use GUI management interface allows you to manage the whole network without the requirement of deep network knowledge. You can easily control the utilization of valuable network resources.



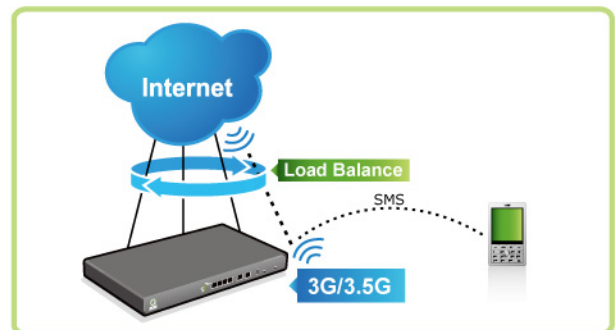
• Multi-WAN



• Dynamical bandwidth management through SmartQoS

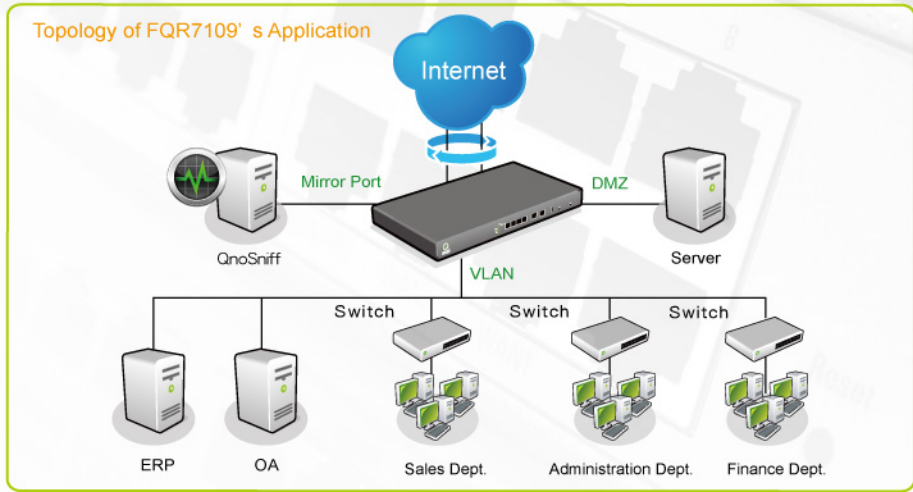


• Load Balancing



• Wireless Broadband: 3G/4G Internet connection

FQR7109 can be implemented in the headquarter/office to manage the Internet access and networking.



Model No.	FQR7109
<b>Network Processor</b>	MIPS64 Dual-Core Processor
Flash / DRAM	32MB / 128MB
<b>Network Interface</b>	
WAN Port	2
DMZ Port	1(WAN2/DMZ)
LAN Port	4
USB Port	1
<b>Performance</b>	
Session	30,000
NAT Throughput	200Mbps
<b>Multi-WAN Traffic Control</b>	
Network Detection & Fail Over	•
Load Balance Mode	Session / Advanced Session / IP
Strategic Routing	•
Virtual Routing	•
Inbound Load Balance	•*
<b>WAN Connection</b>	
DHCP IP Assignment	•
Fixed IP Assignment	•
ADSL PPPoE	•
PPTP	•
Transparent Bridge	•
NAT Plus Router Mode	•
<b>QoS Bandwidth Management</b>	
Smart QoS	•
Guarantee & Maximum Bandwidth	•
Scheduling	•
Session Control by IP or Service	•
<b>Firewall</b>	
Bi-direction ARP Binding	•
SPI/DoS Detect	•
Access Control(IP&Service Port)	•
URL/Keyword Filter	•
<b>On-line Control</b>	
Block Java/Cookies/ActiveX/HTTP Proxy	•
Block QQ MSN Yahoo Messenger	•
Block File	•

Note:  
 1. \*• Support "-" Non-support "Future" Support in future  
 2. \* Need to buy additional key to enable this function  
 3. Qno keeps the right to change the specification without prior notification

Model No.	FQR7109
<b>LAN Management</b>	
The number of assignable IP	4 Class C
One-to-One NAT	•
Multiple-to-One NAT	•
DMZ/Virtual Server	•
UPnP Support	•
DNS Local Database	•
Routing	Static / RIP/II
VLAN (Port-Based)	•
Mirror Port	•
<b>DDNS</b>	
QnoDDNS / DynDNS	•
Simultaneous Multiple DDNS Deployment	•
<b>System Administration</b>	
IP & Service Port Group	•
E-Bulletin	•
Firmware Upgradeable	•
SNMP (v1, v2)	•
Configuration Backup/Recovery	•
HA (High Availability)	•*
<b>USB</b>	
Wireless Broadband	•
Power Saving Mode	•
Cost Counting	Traffic/Times
SMS	Future
<b>System Monitoring</b>	
System/Firewall Logging	•
Email Alarm	•
QRTG Graphic Statistics	•
Support QnoSniff	•*
<b>Hardware Optimization</b>	
Application Optimization	•
DoS Prevention by ACL	-
<b>Others</b>	
Recommended PC Number	100~150
Size	330x160x44.5mm

