

DrayTek

Vigor3912 Series

High Performance 10G Router



Vigor3912 is designed for bandwidth-demanding networks, featuring a 2GHz Quad-Core CPU for fast connection speed, even with multiple connected devices. The router has 8 WAN interface, including 2x 10G SFP+ for fiber connectivity, 2x 2.5G Ethernet, and 4x 1G Ethernet. Port1 to port8 are configurable independently for WAN or LAN to offer flexibility and optimize the router performance.

Up to 8 WANs

Quad-Core CPU

500 VPN

1000K Sessions



Interface

WAN/LAN Switchable Port	① 2 x 10 Gigabit SFP+
	② 2 x 2.5 GbE RJ-45
	③ 4 x GbE RJ-45
Fixed LAN Port	④ 4 x GbE RJ-45
Console Port	⑤ 1 x RJ-45
USB Port	⑥ 2 x USB3.0

Internet Connection

IPv4	PPPoE, DHCP, Static IP
IPv6	PPP, DHCPv6, Static IPv6, TSPC, AICCU, 6rd, 6in4 Static Tunnel
802.1p/q Multi-VLAN Tagging	•
Multi-VLAN/PVC	•
Failover	•
Load Balancing	IP-based, Session-based
WAN Active on Demand	Link Failure, Traffic Threshold
Connection Detection	PPP, Ping, ARP
WAN Data Budget	•
Dynamic DNS	•
DrayDDNS	•

LAN Management

LAN Subnet	100
VLAN	802.1q Tag-based, Port-based
Max. Number of VLAN	100
DHCP Server	Multiple IP Subnet, Custom DHCP Options, Bind-IP-to-MAC
LAN IP Alias	•
IP Pool Count	4000
PPPoE Server	•
Port Mirroring	•
Local DNS Server	•
Conditional DNS Forwarding	•
Hotspot Web Portal	4
Hotspot Authentication	Click-Through, Social Login, SMS PIN, RADIUS, External Portal Server

Networking

Routing	IPv4 Static Route, IPv6 Static Route, Policy Route, Inter-VLAN Route, Fast Routing, RIP v1/v2, OSPFv2, BGP
Policy-based Routing	Protocol, IP Address, Port, Domain, Country
Smart Action	•
High Availability	•
DNS Security (DNSSEC)	•
IGMP	IGMP v2/v3, IGMP Proxy, IGMP Snooping & Fast Leave
Local RADIUS server	•

Bandwidth Management

IP-based Bandwidth Limit	•
IP-based Session Limit	•
QoS (Quality of Service)	TOS, DSCP, 802.1p, IP Address, Service Type
VoIP Prioritization	•
APP QoS	•

Firewall & Content Filtering

NAT	Port Redirection, Open Ports, Port Triggering, Port Knocking, Fast NAT DMZ Host, UPnP, Server Load Balance
ALG	SIP, RTSP, FTP, H.323
VPN Pass-Through	PPTP, L2TP, IPsec
IP-based Firewall Policy	•
Content Filtering	APP, URL Keyword, DNS Keyword, Web Features, Web Category* (*subscription required)
DoS Attack Defense	•
Spoofing Defense	•

VPN

LAN-to-LAN	•
Teleworker-to-LAN	•
Protocols	PPTP, L2TP, IPsec, L2TP over IPsec, SSL, GRE, IKEv2, IPsec-XAuth, OpenVPN, Wireguard
Max. VPN Tunnels	500
Max. OpenVPN + SSL VPN	200
User Authentication	Local, RADIUS, LDAP, TACACS+, mOTP, TOTP
IKE Authentication	Pre-Shared Key, X.509, XAuth, EAP
IPsec Authentication	MD5, SHA-1, SHA-256, SHA-512
Encryption	MPPE, DES, 3DES, AES
VPN Trunk (Redundancy)	Load Balancing, Failover
Single-Armed VPN	•
NAT-Traversal (NAT-T)	•
VPN from LAN	•
VPN Isolation	•
VPN Packet Capture	•
VPN 2FA Authentication for AD/LDAP	•
VPN Matcher	•

Management

Local Service	HTTP, HTTPS, Telnet, SSH v2, FTP, TR-069
Config Backup/Restore	•
Firmware Upgrade	TFTP, HTTP, TR-069
2-Level Administration	•
Privilege	•
Access Control	Access List, Brute Force Protection
Syslog	•
Notification Alert	SMS, E-mail
SNMP	v1, v2c, v3
VigorACS Management	•
AP Management (APM)	50
Switch Management (SWM)	30