

DrayTek



Vigor3912 Series

High Performance 10G Router

Vigor3912 Series 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.

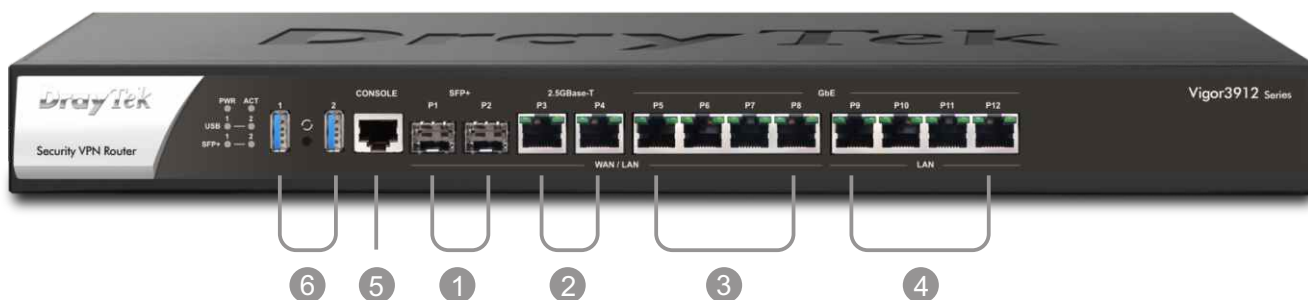
Vigor3912S comes equipped with 256GB SSD storage inside, supporting Linux applications with Docker. Suricata and VigorConnect are supported.

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	•

Linux Applications (Vigor3912S)

Suricata	•
VigorConnect	•

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