DrayTek

Vigor3220 Series

Multi-WAN Security Router

- 4 Gigabit WAN Port for load balancing or failover
- 2 USB for 3G/4G USB mode, printer, network storage or temperature sensor
- 100 simultaneous VPN tunnels including up to 50 SSL VPN
- IPv6 Support on WAN & LAN
- SPI Firewall and content filtering by URL keyword, Apps, and web category (optional)
- Support Central Device Management for up to 30 VigorAP and up to 10 VigorSwitch
- Compliant with VigorACS 2

Vigor3220 series is a load balancing router that has four Gigabit Ethernet WAN ports, there is also one USB 3.0 port which can work with 3G/4G/LTE USB modems to add additional wireless Internet connectivity. With multiple WAN access and high NAT performance, Vigor3220 ensure a reliable Internet connectivity for a network that has around 200 hosts.The Vigor3220 series also offer enterprise-level features including VPN, Firewall, Content Filtering, and Central Management Solution for Vigor access points, which makes it the perfect network solution for a medium-sized business, especially for those based in multiple locations or have teleworkers.

WAN Load Balancing
Up to 5 WAN links can be active simultaneously on Vigor3220 series, including 4 Gigabit Ethernet and 1 3G/4G cellular connection via a USB modem attached to the USB port. With default configuration, Vigor3220 automatically distribute the traffic among all active WANs and determines the load balancing weight based on the bandwidth utilization of each interface. Aggregated bandwidth can also be achieved by using "Session-Based" Load Balancing mode. Vigor3220 series also features Data Budget Tool to track the data usage on each WAN, which will be reset monthly (or on custom cycle), administrator can configured the router to shut down the interface immediately or send a notification when the data usage reaches a threshold.

A Robust VPN Server
Vigor3220 can be the VPN server allows up to 100 simultaneous connections, including LAN-to-LAN VPN with the branch offices, or the Host-to-LAN VPN for the teleworkers.

All the industry standard tunneling protocols are supported, including PPTP, L2TP, IPsec, and GRE, and therefore are compatible with 3rd party VPN devices. SSL VPN is also included on Vigor3220, and DrayTek also offers free official client App for Windows, iOS, and Android.

Vigor3220 also provides VPN redundancy to ensure the reliability of VPN connection. Two VPN tunnels to the same remote network but through different WAN interfaces can be configured into a VPN trunk. The two trunking tunnels can be set up in load balancing or failover mode.

VLAN and Multiple Subnet
Vigor3220 can provide high-speed Internet connectivity for up to 200 hosts, and the support of Virtual LAN Feature (VLAN) allows you to separate the whole LAN network into smaller logical domains, which will help to increase the local network security and improve network efficiency. Up to 8 IP subnet can be set up on Vigor3220 series, this enables each VLAN to use a different IP address range.

Connectivity

Ethernet WAN
- IPv4 - DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1q Multi-VLAN Tagging
- IPv6 - Tunnel Mode: TSPC, AICCU, 6rd, Static 6in4 Dual Stack: PPP, DHCPv6 Client, Static IPv6
- WAN Connection Fail-over
- WAN Budgets
- Load Balance/Route Policy

Ethernet LAN
- IPv4/IPv6 DHCP Server
- Static Routing/RIP/BGP
- Multiple Subnet
- Port/Tag-based VLAN

USB
- 3.5G/4G LTE(PPP, DHCP) as WAN5/WAN6 Printer Server/File Sharing

Management

System Maintenance
- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/FTP/HTTP/TR-069
- CWMP Support (TR-069/TR-104)
- LAN Port Monitoring

Network Management
- Bandwidth Management by session/bandwidth
- User Management by Time/Data Quota
- LAND DNS and DNS Proxy/Cache
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor (Up to 200 nodes)
- Central AP Management
- Central VPN Management
- Switch Management

WLAN (n model)

- 802.11n with 2.4GHz
- Multiple SSID
- Encryption (64/128-bit WEP,WPA/WPA2,802.1x)
- Hidden SSID
- Wireless Rate Control by SSID
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)

Security

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI (Stateful Packet Inspection) (Flow Track)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control
- Content Security (IM/P2P, URL, Keywords, Cookies,...)

VPN

- Up to 100 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec, IKEv2
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP
- Supports 50 SSL VPN Tunnels
- VPN Trunk: VPN Backup and Load Balance

Hardware Interface

- 4 x 10/100/1000Base-Tx WAN Port, RJ-45
- 1 x 10/100/1000Base-Tx LAN Switch, RJ-45
- 1 x 10/100/1000Base-Tx DMZ Port, RJ-45
- 2 x USB Host (USB1 is 2.0 and USB2 is 3.0)
- 2 x Detachable Antennas (n Model)
- 1 x Wireless On/ Off/ WPS Button (n Model)
- 1 x Console Port, RJ-45
- 1 x Factory Reset Button

	WLAN
Vigor3220n	●
Vigor3220	