

- Dual-WAN for load-balancing or redundancy
- 1 USB port for 3G/4G WAN, printer, or network storage
- 16 concurrent VPN tunnels, including up to 8 SSL VPN
- Bandwidth management & QoS for the best VoIP quality
- SPI Firewall with Content Filtering by Apps, URL keyword, and web category
- IPv6 Support
- Built-in 802.11ac Wi-Fi

The Vigor2915ac is an integrated network management solution designed for small businesses. The Dual-WAN provides link redundancy to ensure reliable Internet access, and it is also a robust VPN server for up to 16 concurrent tunnels. The firewall and content filtering features allow management of the incoming and outgoing network traffic, and it also offers bandwidth management functions that optimize the bandwidth allocation and make the best use of the subscribed bandwidth.

DUAL-WAN LOAD-BALANCING

Vigor2915ac can have up to 2 active WAN links for load balancing. There is a fixed Ethernet WAN port as the primary interface, and the secondary can be either the Ethernet port number 4, the USB port (requires a 3G/4G modem), or the Wi-Fi. The secondary interface can be configured as failover only, and it will be activated automatically in the event of primary link failure or heavy traffic.

VPN FOR SECURE REMOTE ACCESS

Vigor2915ac is also a robust VPN server providing Site-to-Site and Remote Access VPN connections. It supports all the standard protocols, including PPTP, IPsec, IKEv2, GRE over IPsec, and SSL VPN. The Dual-WAN also allows a redundant VPN tunnel, so that if the main VPN fails due to the disconnection of the primary WAN, the router can automatically build a backup VPN over the alternative WAN.

FIREWALL & SECURITY

Vigor2915ac supports Stateful Packet Inspection (SPI) Firewall with Layer 3 filtering. Rules can be created to filter outgoing traffic based on its application, URL keywords, and categories, this helps to protect the local network from insecure websites, and also prevent time and network resource wasting on inappropriate network activities.

BANDWIDTH MANAGEMENT & TRAFFIC PRIORITIZATION

Vigor2915ac features Bandwidth Limit and Session Limit to restrict the maximum bandwidth or session number that a host can use, thus to ensure fair allocation of router and bandwidth resources. Quality of Service (QoS) allows you to reserve a certain amount of bandwidth for the critical clients or time-sensitive applications, such as audio and video. Vigor2915ac also offers a simple option to prioritize the VoIP traffic that helps to optimize the call quality easily.



IP Version

- IPv4
- IPv6

NAT

- NAT Session: up to 30,000
- Support Hardware NAT
- Application Layer Gateway

WAN Protocol

- Giga Ethernet WAN
 - IPv4
 - DHCP Client
 - Static IP
 - PPPoE
 - PPTP
 - L2TP
 - 802.1q/p Multi-VLAN Tagging
 - IPv6
 - Dual Stack: PPP, DHCPv6 Client, Static IPv6
 - Tunnel Mode: TSPC, AICCU, 6rd, 6in4 Static Tunnel
- USB WAN (backup only)
 - IPv4
 - DHCP Client (for 3G)
 - CDC Driver (for 4G)
 - IPv6
 - TSPC
 - AICCU

Multi WAN

- Outbound Policy-based Load-balance
- WAN Connection Failover
- Multi-VLAN
- 2 WAN Interfaces
 - WAN1 is always on and dedicated to WAN port 1
 - WAN2 can be set to use LAN port 4, USB or Wi-Fi as interface

Routing

- Load Balance and Router Policy
- Static Route
- Routing Protocol: RIPv1 / v2

LAN Switch

- 8 x VLAN
- 4 x LAN Subnet + 1 x IP Routed Subnet
- Port-based VLAN
- Tag-based VLAN
- VLAN Tagging (802.1q) on LAN
- Bind-IP to MAC Address
- LAN Port Mirror
- Wired 802.1X

Wireless AP

- Support Concurrent 2.4GHz + 5GHz Band
- Auto Channel Selection
- 64 / 128-bit WEP
- WPA / WPA2
- 802.1X Authentication
- Multiple SSID (4 x SSID for Each Band)
- SSID VLAN Grouping with LAN Port
- Hidden SSID
- WPS
- Wireless Client List
- Wireless LAN Isolation
- MAC Address Control
- Access Point Discovery
- WDS (Wireless Distribution System)
- Wireless Rate-control
- WMM
- Airtime Fairness
- Band Steering
- Router-assisted Client Roaming

Firewall

- Port Mapping
- User-based / Rule-based Firewall
- Object-Based Firewall
- SPI (Stateful Packet Inspection, Flow Track)
- DoS Defense
- Time Schedule Control
- User Management
- Firewall Wizard and Advanced Mode
- Email Alert and Logging via Syslog
- IP Address Anti-Spoofing
- IPv6 Firewall

Content Security Management

- APP Enforcement
- URL Content Filter :
 - URL Keyword Blocking (White List and Black List)
 - Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
 - Excepting Subnets
- WEB Content Filter
- DNS Filter

VPN

- Up to 16 VPN Tunnels (Including 8 SSL VPN Tunnels)
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec, IKEv2, SSL
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1, SHA256
- IKE Authentication : Pre-shared key and Digital Signature (X.509)
- mOTP
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPSec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- VPN Trunk (Backup mode only)

Network Feature

- Packet Forwarding Acceleration
- DHCP Client/Relay/Server
- DHCP Option: 1,3,6,43,51,53,54,58,59,60,61,66,125
- RADVD for IPv6
- DHCPv6 Server
- Static IPv6 Address Configuration
- IGMP Proxy v2 / v3
- IGMP Snooping
- Triple-play Application
- Dynamic DNS
- DNS Cache / Proxy
- LAN DNS
- NTP Client
- Call Scheduling
- Hotspot Web Portal
- RADIUS Client
- UPnP 30 sessions
- Wake on LAN
- Bonjour Service

Network Management

- Web-Based User Interface (HTTP / HTTPS)
- Command Line Interface (Telnet / SSH)
- Dashboard
- Quick Start Wizard
- Administration Access Control
- Configuration Backup / Restore
- Built-in Diagnostic Function
- Firmware Upgrade via HTTP / TFTP / TR-069
- Logging via Syslog
- Syslog Explorer
- SNMP v2 / v2c / v3
- Object-based SMS / Mail Alert
- Management Session Time Out
- Two-level Management (admin / user)
- External Device Detection (Master Mode)
- TR-069 / TR-104
- 802.3az
- Self-signed Certificate

Bandwidth Management

- QoS
 - Guarantee Bandwidth for VoIP
 - Class-based Bandwidth guarantee
 - DiffServ Code Point Classifying
 - 4-level Priority for Inbound / Outbound
 - Bandwidth Borrowed
- Layer-3 (TOS / DSCP) QoS
- Layer-2 (802.1p) QoS
- APP QoS
- Bandwidth Limitation
- Sessions Limitation
- WAN Budget

Hardware Interface

- 1 x 10/100/1000Base-Tx WAN, RJ-45
- 4 x 10/100/1000Base-Tx LAN Switch, RJ-45 (Configurable WAN2 on LAN Port 4)
- 1 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless On/Off/WPS Button
- 2 x Detachable Antennas