

Release Note for Vigor2865 Series

Firmware Version:	4.4.0
Release Type:	Normal
Applied Models:	Vigor2865 / Vigor2865ac / Vigor2865Vac Vigor2865L / Vigor2865Lac / Vigor2865ax

Vigor2865 Series is a VDSL2/ADSL2+ Security Firewall router integrating a DSL modem which is compatible with variants of ADSL and VDSL, including profile 35b Super Vectoring.

New Features

- Support IKEv2 fragmentation.
- Use DNS Pool as a new DNS cache.
- Enable Hardware Acceleration by default.
- Support Link Aggregation for LAN port.
- Support blocking DoH/DoT with DNS Filter.
- Support Exception List for Hardware Acceleration.
- Adopt new Certificates Management architecture.
- Support inbound design for hardware QoS (GRX550).
- Support Multi-WAN and Load Balance used on Route Policy.
- Support Netflow (IPFIX) with application aware (VigorConnect).
- Support VDSL SOS/ROC (default enabled for Australia country code).
- Support to restrict/drop unwanted traffic to WAN interface (Firewall local filter).
- Support SNMP WAN and LAN port uptime - ifLastChange (Physical port link up/down detection).
- Support bandwidth limit for applications on Bandwidth Management >> Bandwidth Limit>>APP.
- Support hotspot web portal with asynchronous mode (for not reducing NAT performance).
- Support Webhook (on System Maintenance) for sending periodic keepalive/heartbeat to monitoring Server.
- Add new option (Cache password for auto reconnect) on VPN and Remote Access >> OpenVPN >> Client Config page.
- Support a new encryption mechanism for license obtaining, network connecting, and registering to the MyVigor server.

Improvement

- Improved: Improve Web GUI Security.
- Improved: Improve the OpenSSL security (CVE-2022-0778).
- Improved: Add Access List for Wake on WAN.
- Improved: Add new country code Tunisia(0x79).
- Improved: Improve the OpenVPN mail alert message.
- Improved: Support hostname in the remote management access list.
- Improved: Pre-define default settings for TR-069 for certain country (0x04).
- Improved: Function priority and default value change for DoS & Bandwidth Limit and HW NAT.
- Improved: All service options are grey and ticked when Brute Force Protection is disabled by default.
- Corrected: An issue of Conditional DNS Forwarding not work.
- Corrected: An issue of the mesh network among hops and hops.
- Corrected: A display issue of Basic Configuration Sync on Mesh.
- Corrected: An issue of renew the DrayDDNS Let's Encrypt certificate.
- Corrected: An issue of wireless clients failing to reconnect with 2.4 and 5GHz.
- Corrected: An issue of client failure to access Vigor router's WUI via VPN IP (PPTP VPN Dial-out in NAT mode).
- Corrected: An issue of Port Redirection failure when enabled Hardware Acceleration for NAT and 802.1Q priority for LAN.
- Corrected: An issue of default route deleted wrongly after disabling a LAN static route.
- Corrected: An issue of switching to the ADSL modem code when using the default modem code.
- Corrected: Issues of router reboot caused by firmware upgrade, VoIP call, and VLAN configuration.
- Corrected: An issue of self-signed certificate regeneration automatically of Vigor router before expiration.
- Corrected: An issue of showing data information on LAN>>General Setup >> DHCP Server Option >> Customized List.

File and Modem Code

- "Vigor2865_v4.4.0_STD.zip" provides Annex A modem code 8B0F07_8B0701 and 8B2607_8B0B01, and Annex B modem code 8B2607_8B0B02 and 8B2817_8B0812.
- "Vigor2865_v4.4.0_MDM1.zip" provides Annex A modem code 8B1117_8B0701 and 8B0F07_8B0701, and Annex B modem code 8B2817_8B0812 and 8B2607_8B0B02. Recommended for Australia.
- "Vigor2865_v4.4.0_MDM2.zip" provides Annex A modem code 8D1917_8D0C11 and 8D1507_8D0901, and Annex B modem code 8D1917_8D0C12 and 8B2817_8B0812.
- "Vigor2865_v4.4.0_MDM3.zip" provides Annex A modem code 77C717_8D0C11 and 8D1507_8D0901, and Annex B modem code 77C717_8D0C12 and 8B2607_8B0B02.
- "Vigor2865_v4.4.0_MDM4.zip" provides Annex A modem code 8D1C17_8D0E11 and

8D1B17_8D0E11, and Annex B modem code 8D1C17_8D0E12 and 8D1917_8D0C12.

Known Issue

- A firewall can restrict/drop unwanted inbound WAN traffic such as VPN requests. The router's firewall block rules can stop remote management and VPN access. It is recommended to review the firewall settings before upgrading.
- Enable Data Flow Monitor will cause Hardware Acceleration to stop working after the firmware upgrade. Please review the DataFlow Monitor setting when meeting a performance drop issue.