

Release Note for Vigor2866 Series

Firmware Version:	4.4.3.1
Release Type:	Normal - Upgrade recommended when convenient
Applied Models:	Vigor2866 / Vigor2866ac / Vigor2866L / Vigor2866Lac / Vigor2866ax / Vigor2866Vac / Vigor2866LVac / Vigor2866Vax / Vigor2866LVax

Vigor2866 Series is a G.fast Security Firewall router integrating a DSL modem which is compatible with variants of DSL protocols, including G.fast, VDSL2 profile 35b Super Vectoring, and ADSL2+.

New Features

- Support new WCF suppliers.
- Support a new feature Wireguard VPN.
- Support VPN interface on NAT>>Open Port.
- Support HTTP compression to reduce the TR-069 payload size.

Improvement

- Improved: Improve the web GUI security.
- Improved: Support more SMS commands.
- Improved: Support more LTE SNMP OIDs.
- Improved: Improve Auto APN for Gamma SIM.
- Improved: Improve SIM1/SIM2 failover mechanism.
- Improved: Support writable/read-only notes for TR-069 parameters.
- Corrected: Issues with DNS PTP records.
- Corrected: An issue with WAN2 L2TP not working.
- Corrected: An issue with the DHCP relay not working.
- Corrected: An issue that IPsec Hardware Acceleration enabled.
- Corrected: An issue with the router rebooting after WAN IPv6 renew.
- Corrected: Add a new option to enable/disable the individual SIM slot.
- Corrected: An issue that the Bridge VLAN over mesh network not working.
- Corrected: An issue with empty .json response for CPE when using VigorACS API.
- Corrected: An issue that the router rebooted while using LTE module for a long period.
- Corrected: An issue with the firmware was damaged when upgrading from VigorACS.
- Corrected: An issue with the router rebooting after restoring the config from Vigor2862.

- Corrected: An issue with gaps appeared on the graphs displayed on the VigorACS page.
- Corrected: An issue with failure to enable/disable the wireless bands via the WPS button.
- Corrected: An issue that strange data used information shown on the WUI when using SIM budget.
- Corrected: An issue that the Let's Encrypt certificate could not be renewed automatically but manually.
- Corrected: An issue that failure to disconnect the VPN tunnel between VPN server (Vigor router) and client.
- Corrected: An issue that the router rebooted after saving L2TP with IPsec (LAN to LAN) VPN profile.
- Corrected: An issue that OpenVPN to Pfsense connected but could not get the push route from the server.
- Corrected: Issues related to authentication on External Hotspot Server and the External RADIUS Server.
- Corrected: An issue with the key data loss for OpenVPN client config file when exported from VigorACS.
- Corrected: An issue with an error message of HTTP Content Error appeared while trying to import ovpn file.
- Corrected: An issue that the router rebooted when IKEv2 re-dialed and the local ID was set to 32 characters.
- Corrected: An issue with staying in the Firmware Damage state after uploading the wrong firmware (file size was 0).
- Corrected: An issue that VPN 2FA Windows was not popped-up when a SmartVPN client dialed with IKEv2 EAP and the router's LAN IP used not the 1st setting.

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.
- QoS does not work on G.fast line when the link rate exceeds 600 Mbps.
- For "ax" series model:
The wireless clients might encounter unexpected trouble (e.g., unable to use the printer on LAN) while accessing into Internet if the hardware acceleration is enabled.
To skip hardware acceleration for certain devices, the following telnet command can be used:

```
ppa -E -e 1  
ppa -E -a AA:BB:CC:XX:XX:XX nat/bridge/ipsec
```
- Vigor2866 may have synchronization or performance issues when connecting to the DSL line with a lower SNR value (<6).

File and Modem Code

- "Vigor2866_v4.4.3.1_STD.zip" provides Annex A modem code 123230_02 and 123210_30.

- "Vigor2866_v4.4.3.1_MDM1.zip" provides Annex A modem code 126110_12 and 126010_15.
- "Vigor2866_v4.4.3.1_MDM2.zip" provides Annex A modem code 127210_04 and 127110_01. Recommended for Australian users
- "Vigor2866_v4.4.3.1_MDM3.zip" provides Annex J modem code 127210_04 and 127110_01. Recommended for Germany ADSL2+ AnnexJ line.
- "Vigor2866_v4.4.3.1_MDM4.zip" provides Annex A modem code 128210_02 and 127210_04. Recommended for Australian users
- "Vigor2866_v4.4.3.1_MDM5.zip" provides Annex J modem code 128210_02 and 127210_04. Recommended for Germany ADSL2+ AnnexJ line.
- "Vigor2866_v4.4.3.1_MDM6.zip" provides Annex A modem code 129120_05, 128210_02. (Recommended when meeting VDSL sync issue).
- "Vigor2866_v4.4.3.1_MDM7.zip" provides Annex J modem code 129120_05, 128210_02.

VDSL2 Profile 30a is supported by modem code 129120_05(MDM6/MDM7).

Note

- IPsec HMAC (MD5) is no longer supported.