

Release Note for Vigor2866 Series

Firmware Version:	4.5.3
Release Type:	Important – Review release notes and upgrade if the changes affect your system stability, performance, or security
Applied Models:	Vigor2866 / Vigor2866ac / Vigor2866L / Vigor2866Lac / Vigor2866ax / Vigor2866Vac

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

- Add new options of DS-Lite and AFTR in WAN>>Internet Access>>WANx>>IPv6.
- Add Port Knocking selections for various protocols in VPN and Remote Access>>Remote Access Control.

Improvement

- Improved: Updated the WLAN driver with security improvements (CVE-2026-20408, CVE-2026-20419, and CVE-2026-20430).
- Improved: Support the TR-069 parameters for LTE configuration.
- Improved: Support the TR-069 parameters for the Firewall hostname object/group.
- Corrected: An issue with the router rebooting many times per day.
- Corrected: A routing issue when using VPN and multi-WAN policy routes.
- Corrected: An issue with the Vigor router on LTE WAN went offline on VigorACS.
- Corrected: An issue with failure to update DDNS (no-ip.com) from WAN5 (4G dongle).
- Corrected: An issue with the user defined provider using did not authenticate properly.
- Corrected: An issue with which Vigor Router did not send periodic inform intermittently.
- Corrected: An issue with the router rebooting unexpectedly (related to customized DDNS).
- Corrected: An issue with the TR-069 CPE notify log entries not being displayed in VigorACS.
- Corrected: An issue with the number of WCF query server failures surged due to an unexpected error.
- Corrected: An issue with the Vigor router's Wireless Mesh function failed with some Vigor APs (e.g., AP905 in Mesh status, CFG Sync status, and VLANs).

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|bridgelipsec
```

- Vigor2866 may have synchronization or performance issues when connecting to the DSL line with a lower SNR value (<6).

File and Modem Code

- "Vigor2866_v4.5.3_STD.zip" provides Annex A modem code 123230_02 and 123210_30.
- "Vigor2866_v4.5.3_MDM1.zip" provides Annex A modem code 126110_12 and 126010_15.
- "Vigor2866_v4.5.3_MDM2.zip" provides Annex A modem code 127210_04. Recommended for Australian users
- "Vigor2866_v4.5.3_MDM3.zip" provides Annex J modem code 127210_04. Recommended for Germany, Austrian and Swiss users
- "Vigor2866_v4.5.3_MDM4.zip" provides Annex A modem code 128210_02. Recommended for Australian users
- "Vigor2866_v4.5.3_MDM5.zip" provides Annex J modem code 128210_02. Recommended for German users.
- "Vigor2866_v4.5.3_MDM6.zip" provides Annex A modem code 129120_05. (Recommended when meeting VDSL sync issue).
- "Vigor2866_v4.5.3_MDM7.zip" provides Annex J modem code 129120_05. VDSL2 Profile 30a is supported by modem code 129120_05(MDM6/MDM7).

Note

- IPsec HMAC (MD5) is no longer supported.