

## Release Note for VigorC510 Series

Firmware Version:	5.3.9
Release Type:	Regular – Upgrade recommended when convenient, as it includes general improvements and optimizations
Applied Models:	VigorC510, VigorC510ax

The VigorC510 series is a 5G NR WAN router equipped with four 1Gbps LAN ports. It features an advanced bandwidth control mechanism, including IP-layer control, QoS, NAT session limitation, and bandwidth borrowing, to enable easy, flexible, and reliable access control and bandwidth management.

### New Features

- Support 802.3x flow control via CLI commands.
- Support Network Scan and Preferred LTE Band selection.

### Improvement

- Improved: Show State and Carrier in the IP Lookup Whois information.
- Improved: Improve the boot process for network interface initialization.
- Corrected: An issue in which Let's Encrypt syslog entries were classified as LAN type.
- Corrected: An issue in which the router accepted unencrypted L2TP traffic on UDP port 1701.
- Corrected: An issue in which incorrect NAT on the VPN interface caused asymmetric OpenVPN connectivity.
- Corrected: An issue in which a WireGuard IPv6 VPN frequently disconnected and reconnected when the peer connected using a domain name.

### Note

- To prevent potential errors after the firmware upgrade, if you are currently using version 5.3.0 or 5.3.1.1, please upgrade to 5.3.2.1 first before proceeding to later versions.
- Please ensure that you use the ".rst" firmware file when recovering the router. Note that uploading the ".rst" file will reset the router to factory default settings.  
For certain models, a separate ".rst" (reset) firmware file may not be provided. If the ".rst" version is not available, please manually rename the file extension of the ".all" or ".sfw" firmware file to ".rst" to create an equivalent RST firmware file.  
Example:  
Rename Vigorxxx\_1.2.3.4.sfw → Vigorxxx\_1.2.3.4.rst  
Please ensure you back up your configuration before applying a ".rst" firmware, as all settings will be erased during the process.
- The Vigor router system now offers automatic firmware upgrade feature (optionally, default is disabled), making it convenient for users to stay updated on crucial firmware changes, security issues, and significant bugs that necessitate immediate firmware update. With this feature, there is no need to download the latest firmware version yourself. The Vigor system will automatically detect the latest release, download it, and upgrade the router. This option is particularly beneficial for addressing critical security issues and fixing major bugs.

# Known Issue

- None.