

WP820 Firmware Release Notes

IMPORTANT UPGRADING NOTE

Hardware	Firmware Version	Restrictions and Cautions
WP820 HW V3.0C or higher, such as V3.0C, V3.0D, V3.1C, V3.1D, V3.2A, V3.2B, etc.	1.0.7.66+	Cannot downgrade to 1.0.7.61 or lower

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FIRMWARE VERSION 1.0.7.90

PRODUCT NAME

WP820

DATE

08/28/2026

COMPONENT VERSIONS

System 1.0.7.90; Recovery 1.0.4.3; Boot 1.0.6.5; Kernel 1.0.6.16 CPE 1.0.4.100

FIRMWARE FILE INFORMATION

- Firmware file name: wp820fw.bin
MD5: d8498359f4b79d4676d92d8ef22d5c16

ENHANCEMENT

- Updated the default value of Account Active (P271/401) to "0 - No".
- Updated the default value of Use Random Port (P78) to "1 – Yes".
- Updated the default value of Minimum TLS Version (P22293) to "12 - 1.2".
- Added a new option, "13 - 1.3", to Minimum TLS Version (P22293) and Maximum TLS Version (P22294).
- Updated the SSH Public Key length requirement to be greater than 2048 bits.
- Added support for displaying a warning notification when the device connects to the default SSID ("wp_master").
- Improved the Wi-Fi network selection algorithm to prioritize custom-configured SSIDs over the default factory SSID ("wp_master") upon reboot.
- Upgraded OpenVPN® to the latest version.
- Added new options "3 - Triple-DES", "4 - AES-128-GCM", "5 - AES-256-GCM", and "6 - CHACHA20-POLY1305" to OpenVPN® Cipher Method (P8396).
- Renamed "Remove OBP from Route"(P2305/2405) to "Outbound Proxy Mode".
- Enhanced device security updates.

BUG FIX

- Fixed an issue where calls failed to proceed, and registration was lost when the DUT initiated a call while waiting for an unfulfilled DNS query response.
- Fixed an issue where the WP820 failed to provision using HTTPS.
- Fixed an issue where the HTTPS Action URL caused phone_service to crash.
- Fixed an issue where the web interface became inaccessible.
- Fixed internal bugs.

PREVIOUS FIRMWARE VERSIONS

Version	Date	Firmware Information
1.0.7.85	06/03/2025	Release Notes
1.0.7.80	09/03/2024	Release Notes
1.0.7.77	04/26/2024	Release Notes
1.0.7.75	12/11/2023	Release Notes
1.0.7.73	10/25/2023	Release Notes
1.0.7.72	09/28/2023	Release Notes
1.0.7.68	04/26/2024	Release Notes
1.0.7.66	06/02/2023	Release Notes
1.0.7.61	04/04/2023	Release Notes
1.0.7.58	01/03/2023	Release Notes
1.0.7.50	06/30/2022	Release Notes
1.0.7.43	02/22/2022	Release Notes
1.0.7.30	06/07/2021	Release Notes
1.0.7.26	04/21/2021	Release Notes
1.0.7.22	01/27/2021	Release Notes
1.0.7.15	10/23/2020	Release Notes
1.0.7.7	11/20/2019	Release Notes
1.0.5.5	07/15/2019	Release Notes
1.0.3.20	04/10/2019	Release Notes
1.0.3.6	12/26/2018	Release Notes
1.0.3.5	12/16/2018	Release Notes
1.0.1.15	09/27/2018	