Firmware 7.0.1 RC Release Notes

Release Date: 04/18/2017

Contents

1. Devices Supported
2. Firmware 7 Compatibility - Unsupported Models
3. Important Notices
4. Obtaining the Firmware
5. New Features
6. Feature Improvements
7. Resolved Issues
8. Report a Bug

1. Devices Supported

This firmware release supports the following devices:

Peplink Balance:	20 / 30 / 30 LTE / 50 / One / 210 / 310 / 305 HW2 / 380 HW6 / 580 HW2-3 / 710 HW3 / 1350 HW2 / 2500
Pepwave MAX:	On-The-Go HW2 / BR1 HW2 / BR1 Slim / BR1 Mini / BR1 ENT / BR2 / 700 / HD2 / HD2 IP67 / HD2 Mini / HD4 / Transit / Hotspot
Pepwave Surf:	SOHO HW2 / SOHO MK3
MediaFast:	200 / 500 / 750 / HD2^ / HD4^

^ Full names = HD2 with MediaFast, HD4 with MediaFast.

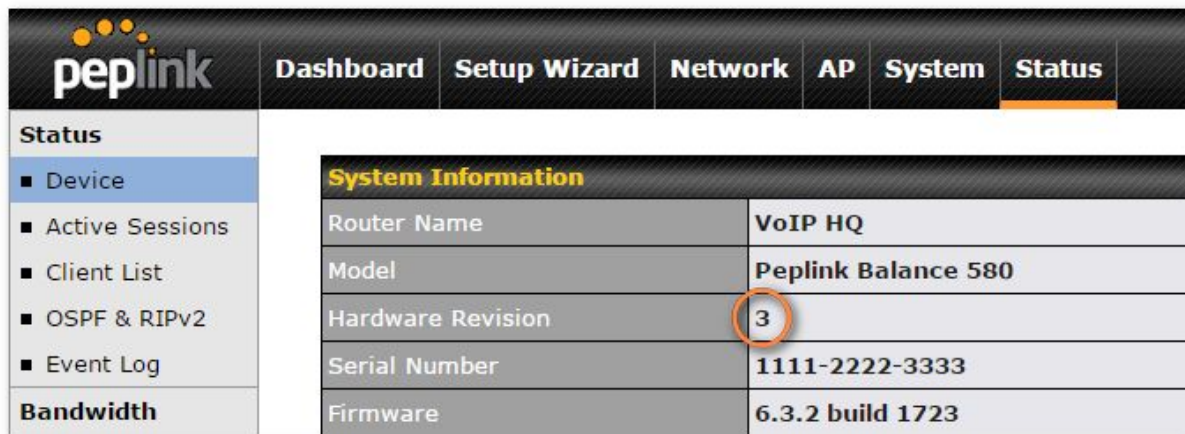# 2. Firmware 7 Compatibility - Unsupported Models

Please note that the following models will **NOT** be supported by Firmware 7 onwards. Rather, they will receive Firmware 6.x maintenance releases as needed:

- MAX BR1 HW1
- MAX BR1 Pro HW1
- MAX On-The-Go HW 1
- Surf SOHO HW1
- BR1 and BR2 IP55 HW 1
- Balance 305 HW1
- Balance 380 HW3-5
- Balance 580 HW1
- Balance 710 HW 1-2
- Balance 1350 HW1

Please note that the following models are not compatible with Firmware 6.3.0 onwards:

- Balance 380 HW1-2

To find the hardware revision of your Device, please navigate to **Status > Device** of your Web UI.

3. Important Notices

For Firmware 7.0.1

PepVPN Route Isolation is Not Backwards Compatible: If users are using PepVPN Route Isolation, they should upgrade all the devices in the network to 7.0.1.

For Firmware 7

PepVPN Firmware Compatibility Change: Devices running Firmware 7 will only form PepVPN connections with devices running Firmware 6.1 or later. Firmware 6.0 or earlier is deprecated.

Firmware Downgrade is Unavailable for the BR1, BR1 ENT, BR1 Slim, and Transit: Please note that once Firmware 7 is installed on those, it will not be possible to downgrade to Firmware 6 or below. Dual-boot with older Firmware is still supported, but each Firmware slot will not accept earlier Firmware once it contains Firmware 7.

After Partitioning a MediaFast Router, Running Previous Firmware will Completely Clear the Cache: Please note that once you create partitions on any MFA router, running 6.3.3 or below will cause the router to clear the entire cache.

For Firmware 6.3.3 or Before

Firmware Downgrade is Unavailable for the HD4: Please note that once 6.3.3 is installed on the MAX HD4, it will not be possible to downgrade to Firmware 6.3.1 or below. Dual-boot with older Firmware will still function, but each Firmware slot will not accept earlier Firmwares once it contains 6.3.2 or above.

Firmware Downgrade is Unavailable for the Balance One: Please note that once 6.3.3 is installed on the Balance One, it will not be possible to downgrade to Firmware 6.3.0 or below. Dual-boot with older Firmware will still function, but each Firmware slot will not accept earlier Firmwares once it contains 6.3.1 or above.

UI Change for OSPF & RIPv2 Route Advertisement: We have updated the page for configuring OSPF & RIPv2 route advertisements. If you have previously customized OSPF & RIPv2 settings, please go in and review route advertisement settings after firmware upgrade.

Upgrade APs to AP Firmware 3.5.2 or Later Before Upgrading Balance and MAX devices to 6.2.2 or above: When running Balance and MAX Firmware 6.2.2 or above, Peplink routers will be unable to upgrade APs running 3.5.0 or below using upgrade packs. If you are

using a Peplink router to manage APs running 3.5.0 or below, please upgrade APs to Firmware 3.5.2 or later _before_ upgrading your Peplink router.

4. Obtaining the Firmware

Firmware 7.0.1 can be obtained here: https://www.peplink.com/support/downloads/firmware-7-0-1/

5. Changes since Firmware 7.0.1 beta

Feature Improvements:

Reference	Feature	Devices Supported
16515	**[Web Blocking]** Web blocking blacklists/whitelists now support IP address entries.	**All Balance / MediaFast / MAX models** **Surf:** SOHO
16486	**[Outbound Policy]** Outbound policies can now be determined by source ports.	

Resolved Issues:

Reference	Feature	Devices Supported
15074	**[PepVPN]** On a meshed PepVPN network, existing sessions of data traffic may not go through the shortest path when the network topology changes.	**All Balance / MediaFast / MAX models** **Surf:** SOHO
16543	**[PepVPN]** Multi-WAN PepVPN tunnels do not include WAN connections on standby-mode.	**Balance**: One*, 210, 310, 305*, 380, 580, 710, 1350, 2500 **MAX**: 700, Transit*, HD2, HD2 Mini, HD2 IP67, HD4 **MediaFast**: HD2*, HD4*, 200*, 500*, 750* *Software license required to activate

6. New Features

Reference	Feature	Devices Supported
14762 16315	**[InControl DPI Support]** Support for DPI report generation has been added. It provides per-device level reports showing overall traffic classification. DPI reporting can be switched on/off via Incontrol.	**Balance:** 30 LTE HW3, One, 210 HW4, 310 HW4, 305 HW2, 380 HW6, 580 HW2, 710 HW3, 1350 HW2, 2500 **MAX:** HD4, Transit, HD2 Mini, 700 HW3, HD2 HW5, BR1 ENT **MediaFast:** 200, 500, 750, HD2, HD4
5286	**[Router Security]** The router will now temporarily block Web Admin access for IP addresses with too many failed login attempts.	**All Balance / MediaFast / MAX models** **Surf:** SOHO

7. Feature Improvements

Reference	Feature	Devices Supported
15478	**[AP Controller]** The status and events of APs managed by AP controllers are now visible on InControl.	**Balance:** ALL **MAX:** 700, HD2, HD2 Mini, HD2 IP67, Transit, HD4 **MediaFast:** All
16194	**[AP Controller]** The AP Controller's complete event logs are now visible in the remote syslog server, not just selected events. Please note that the log Prefix has changed from "WLC" to "AP Controller"	
12670	**[Captive Portal]** For the Web UI captive portal, any text element on can now be customized using a visual editor.	**All Balance / MediaFast models** **MAX:** BR1, BR1 Slim, BR1 Mini, BR1 Ent, BR2, 700, HD2, HD2 Mini, HD4, Hotspot, Transit
16064	**[Captive Portal]** Added support for different captive portals for different SSID.	
16197	**[Captive Portal]** Improved captive portal client handling with iOS 10.2 or below, and MacOS	
16129	**[Router Security]** When a user has failed a specified number of authentication attempts with the same IP address, InControl will send an email alert.	**All Balance / MediaFast / MAX models** **Surf:** SOHO

8. Resolved Issues

Reference	Issue	Devices Affected
16444	**[Bandwidth Allowance]** When using bandwidth allowance with multiple WAN, the usage report may not be accurate.	**All Balance / MediaFast / MAX models** **Surf:** SOHO
15509	**[Web Blocking]** Web-blocking redirection doesn't work for some adware websites with large cookies.	
16225	**[IPSec]** If the remote network is set to 0.0.0.0/0, clients will be unable to access the Internet using IPsec VPN.	
13089	**[PepVPN]** If connection is accepted using WAN's secondary or additional IP address, stability problems will occur.	
16228	**[PepVPN]** PepVPN Route Isolation is not functioning as expected in meshed PepVPN environment.	
16198	**[PepVPN]** Unexpected reboot issue when the device receives network packets with specific patterns for a period of time. Networks with Microsoft Exchange DAG running across PepVPN are known to be affected.	
16208	**[PepVPN]** Cannot create custom outbound policy rules to override PepVPN Routes (i.e. Expert mode rules) if there is no custom rules below PepVPN Routes	
16501	**[Firewall]** When firewall access rules event logging or URL Logging are enabled, the device may experience random hangs and reboots.	
16084	**[Usage Reports]** If the wireless client usage is greater than 4GB in an hour, the hourly usage report will not be correct.	**Balance:** ALL **MAX:** 700, HD2, HD2 Mini, HD2 IP67, Transit, HD4 **MediaFast:** All
16469	**[AP Controller]** When creating an SSID with more than one VLAN, only clients assigned to the first VLAN can obtain IP addresses.	**Balance:** 305, 380, 580, 710, 1350, 2500 **MediaFast:** 500, 750

16154	**[Captive Portal]** Bandwidth quota may not block HTTP downloads after the quota has been reached.	**All Balance / MediaFast models** **MAX:** BR1, BR1 Slim, BR1 Mini, BR1 Ent, BR2, 700, HD2, HD2 Mini, HD4, Hotspot, Transit
16339	**[Cellular Usage Reports]** Cellular WAN SIM card bandwidth usage data is lost after reboot.	**Balance**: 30 LTE **MAX**: All models except the 700 and OTG **MediaFast**: HD2, HD4
16147	**[MediaFast]** When performing a cache cleanup, an error message appears even though the cleanup has been successful.	**MediaFast**: HD2, HD4, 200, 500, 750
16136	**[High Availability]** When connecting to a HA pair using SpeedFusion, the HA slave is not accessible via its administrative IP address.	**Balance:** 210, 310, 305, 380+, 2500 **All MediaFast / MAX Models**
15992	**[Dual-SIM]** The MAX HD2 web admin incorrectly shows dual SIM options	**MAX**: HD2

9. Report a Bug

To report a bug, please open a support ticket at
https://contact.peplink.com/secure/create-support-ticket.html.

For the latest development news, take a look at our forums: https://forum.peplink.com/.