

Firmware 6.3.1 Release Notes

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1. Devices Supported

This firmware release supports the following devices:

Peplink Balance	MediaFast	Pepwave MAX	Pepwave Surf
20 / 30 / 30 LTE / 50	500	On-The-Go	SOHO
One	HD2^ / HD4^	BR1* / BR1 ENT / BR2*	
210 / 310		700	
305 / 380 / 580 / 710 / 1350 / 2500		HD2 / HD2 IP67 / HD2 mini	
		HD4	
		Transit	

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

*BR1 IP55, BR1 Slim, and BR2 IP55 are also included in this designation

2. Important Notices

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

Upgrade APs to AP Firmware 3.5.2 or Later Before Upgrading Balance and MAX devices to 6.2.1 or above: When running Balance and MAX Firmware 6.2.1 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.

Model Retirement: Please note that the following models will be retired and will not be supported by Firmware 6.3.0 onwards:

- Balance 380 Hardware Revision 1
- Balance 380 Hardware Revision 2
- Balance 700

To find the hardware revision of your Balance, please navigate to Status > Device.

3. Obtaining the Firmware

Firmware 6.3.1 can be obtained here: <http://www.peplink.com/support/downloads/>

4. Resolved Issues

Reference	Symptom	Devices Affected
14078	SpeedFusion: When upgraded to Firmware 6.3. older Balance revisions will have less SpeedFusion throughput than advertised on our specifications page.	Balance: 305 HW1/380 HW1-5/580 HW1/710 HW1-2/1350 HW1.
14270	VLAN: When disabling a LAN port that has been assigned to a specific VLAN, the port will only return to the untagged VLAN instead of being disabled.	Surf: SOHO HW2
14277	Firewall: Firewall rules are unable to function when they are used with configuration scheduling.	All Balance / MediaFast / MAX models Surf: SOHO
14281	InControl: When a router is connected using a USB modem, the connection will appear to fluctuate in InControl 2 despite it actually being stable.	All Balance / MediaFast / MAX models* Surf: SOHO <small>*With the exception of IP55 and IP67 versions as well as the Transit</small>

14282	SpeedFusion: The SpeedFusion Tx statistics reported by the Web UI are inconsistent.	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* <small>*Software license required to activate</small>
14285	PepVPN: When Layer 2 PepVPN connects or disconnects, the LAN MAC address may change.	All Balance / MediaFast / MAX models Surf: SOHO
14289	AP Controller: The AP Controller is unable to save AP Firmware packs (for uploading onto APs).	All Balance Models MAX: 700, HD2, HD2 Mini, HD2 IP67, Transit, HD4 MediaFast: 200, 500, HD2, HD4
14311	PepVPN: When attempting to perform failover between two links within a PepVPN connection, data will not pass through the second link.	All Balance / MediaFast / MAX models Surf: SOHO
14321	WAN Port: A WAN connection will show as "No Cable Detected" even when a functioning network cable is plugged-in.	Surf: SOHO HW2
14335	Cellular: Upon startup, a cellular WAN occasionally do not connect.	Balance: 30 LTE MAX: All models except the 700 and OTG MediaFast: HD2, HD4
14350	LAN Ports: The LAN switch will reset every time changes are applied to the router.	All Balance / MediaFast / MAX models Surf: SOHO
14374	Web Blocking: Web blocking category configurations do not apply after a reboot.	Balance: One, 210, 310, 305, 380, 580, 710, 1350, 2500 MAX: BR1, BR1 ENT, BR2, Transit, OTG, 700 HD2, HD2 Mini, HD4, MediaFast: 200, 500, 750, HD2, HD4 Surf: SOHO
14386	USB WAN: The USB modem is unable to connect on the Balance 580 HW1.	Balance: 580 HW1

5. Known Issues

Reference	Symptom	Devices Affected
6911	PepVPN: PepVPN chart inaccurately shows packet loss if encryption is enabled.	Balance: 2500 MAX: HD4 MediaFast: HD4
9663	Captive Portal: Captive Portal will not redirect if the DNS proxy has been disabled.	All Balance / MediaFast models MAX: BR1, BR2, 700, HD2, HD4
11176	PepVPN: When using iTunes or Remote to Airplay to an AppleTV over PepVPN, Bonjour Forwarding does not function.	All Balance / MediaFast / MAX models Surf: SOHO
12838	L2TP with IPSec: If multiple Windows clients are set up behind the same NAT router, they may not be able to establish L2TP/IPsec connections concurrently.	All Balance / MediaFast / MAX models Surf: SOHO
13167	SpeedFusion: SpeedFusion WAN Smoothing does not function as well if QoS is enabled.	Balance: One [^] , 210, 310, 305 [^] , 380, 580, 710, 1350, 2500 MAX: Transit [^] , HD2, HD2 Mini, HD4, OTG [^] , 700 MediaFast: HD2 [^] , HD4 [^] , 200 [^] , 500 [^] [^] Feature Activated
14427	VLAN: When creating multiple VLANs and configuring a LAN port as a VLAN trunk, devices on the tagged VLAN will end up getting IP addresses from the untagged VLAN.	Surf: SOHO HW2

6. 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/>.