

# Firmware 8.0.1 Beta 2 Release Notes

Release Date: Aug 16, 2019

## Devices Supported

This firmware release supports the following devices:

<b>EPX</b>	EPX
<b>Balance:</b>	20 / 30 / 30 LTE / 30 Pro / 50 / One / 210 / 310 / 305 HW2 / 380 HW6 / 580 HW2-3 / 710 HW3 / 1350 HW2 / 2500
<b>MAX:</b>	BR1 MK2 / BR1 HW2 / BR1 Slim / BR1 Mini / BR1 M2M / BR1 ENT / BR1 IP67 / BR2 / HD2 / HD2 IP67 / HD2 Mini / HD2 Dome / HD4 / HD4 MBX / HD4 IP67 / Transit / Transit Duo / Hotspot / On-The-Go HW2 / 700
<b>Surf:</b>	SOHO HW2 / SOHO MK3
<b>MediaFast:</b>	200 / 500 / 750 / HD2 / HD4
<b>SpeedFusion Engine</b>	SFE
<b>FusionHub</b>	FusionHub

## Important Notices

- For BR1 series, the unit must be upgraded to [Firmware 7.1.2](#) first before upgrading to 8.0.0
- **PepVPN backward compatibility option is no longer available.** By deprecating the old firmware versions, we now have a more secure handshake channel as the default setting, only TLS 1.2 will be accepted, no more TLS 1.0 and 1.1 for the old devices. Thus, if you are using devices running Firmware 6.1 or older, you will no longer be able to form PepVPN tunnels with those devices unless the firmware is updated.
- Internet Explorer 11 is no longer supported by Web Admin.

## New Features

Reference	Description	Device Supported
<b>18627</b>	[AP Controller] Fast Roaming 802.11k, 802.11r, 802.11v support	Balance: All MAX: 700, HD2/4, Transit (Except BR1 ENT and HD2 Mini) MediaFast: All EPX
<b>20896</b>	[Firewall] Local Service Inbound Firewall Support	All Models

## Feature Improvements

Reference	Description	Device Supported
<b>17423</b>	[Firewall] Added an option to select "Any ICMP Types" in the Firewall Rules page.	All Models
<b>19187</b>	[GPS] The GPS map on the dashboard now displays latitude & longitude values.	MAX: BR1/2, HD2/4, Transit (Except BR1 ENT and HD2 Mini) MediaFast: HD2/4
<b>19536</b>	[AP Controller] Added ability to input custom TX power values.	Balance: All MAX: 700, HD2/4, Transit (Except BR1 ENT and HD2 Mini) MediaFast: All EPX
<b>20184</b>	[Wi-Fi AP] Added ability to schedule updates to the AP radio channel.	Balance: 30 Pro, One MAX: 700, BR1/2, HD2/4, Transit (Exclude: BR1 ENT/HD2 Mini) MediaFast: HD2/4 EPX Surf SOHO
<b>20274</b>	[PoE] Dashboard now displays the PoE availability status.	Balance: 30 Pro MAX: BR1 ENT, HD2/4 MediaFast: HD2/4 EPX
<b>20295</b>	[Web UI] Show the device name on top of Web Admin	All Models
<b>20309</b>	[BGP] Added support of BGP Local Preference	All Models

<b>20443</b>	[IPsec] Added "NULL & MD5" in IPsec Phase 2 Proposal	All Models
<b>20484</b>	[Cellular] Added ability to send SMS short code.	Balance: LTE, 30 MAX: BR1/2, HD2/4, Transit MediaFast: HD2/HD4 EPX
<b>20503</b>	[Firewall] Added support for local server firewall rules.	All Models
<b>20539</b>	[Web UI] [Captive Portal] SSL certificate updated	All Models
<b>20555</b>	[PepVPN] URL Logging now shows the serial number of the remote PepVPN peer	All Models
<b>20607</b>	[SpeedFusion] Reduced the time needed to establish PepVPN connections when hundreds of SpeedFusion profile connect at the same time.	Balance: B210 or above MAX: 700, HD2/4, Transit MediaFast: All SFE, EPX FusionHub
<b>20620</b>	[Web UI] Enforced password change after the first bootup, or when the default admin password is used.	All Models
<b>20706</b>	[Web UI] [Cellular] Network Selection renamed as Carrier Selection	All Models
<b>20715</b>	[Wi-Fi AP] Introduce SSID Firewall	Balance: 30 Pro, One MAX: 700, BR1/2, HD2/4, Transit (Exclude: BR1 ENT/HD2 Mini) MediaFast: HD2/4 EPX Surf SOHO
<b>20812</b>	[Wi-Fi WAN] Supports Acceptable Signal Threshold	MAX: 700, BR1/2, HD2/4, Transit (Exclude: BR1 ENT/HD2 Mini) MediaFast: HD2/4 EPX
<b>20822</b>	[QoS] Added Youtube and Netflix applications.	All Models
<b>20878</b>	[AP Controller] [Wi-Fi AP] Auto Channel Schedule support on AP Controller and Integrated AP	Balance: All MAX: 700, HD2/4, Transit (Except BR1 ENT and HD2 Mini) MediaFast: All EPX

<b>20891</b>	[Wi-Fi AP] 802.11w Management Frame Protection support	Balance: 30 Pro, One MAX: 700, BR1/2, HD2/4, Transit (Exclude: BR1 ENT/HD2 Mini) MediaFast: HD2/4 EPX Surf SOHO
<b>21028</b>	[Docker] Support importing image from URL	MediaFast: 500, 750
<b>21161</b>	[SNMP] SNMPv3 Authentication and Privacy passphrase supporting special characters	All Models
<b>21168</b>	[SpeedFusion] MAX HD2/HD4 MediaFast is now support SpeedFusion Bonding.	Balance: B210 or above MAX: 700, HD2/4, Transit MediaFast: All SFE, EPX FusionHub
<b>20570</b>	[FusionHub] Added Layer 2 SpeedFusion Support	FusionHub
<b>13388</b>	[FusionHub] Added Remote User Access support	FusionHub

## Resolved Issues

Reference	Description	Device Supported
<b>19086</b>	[System] Devices experience High CPU Loads when viewed from the InControl 2 dashboard.	All Models
<b>20311</b>	[WAN] WAN links may disconnect and reconnect after pressing "Apply Changes".	All Models
<b>20480</b>	[Balance & Cellular] Unable to reset cellular WAN from the Balance Web UI.	Balance: LTE, 30
<b>20502</b>	[Wi-Fi AP] When the "Turn off AP when there is no Internet connectivity" feature is enabled, the SSID may stop broadcasting after a WAN disconnects and reconnects following a defined SSID schedule.	Balance: 30 Pro, One MAX: 700, BR1/2, HD2/4, Transit (Exclude: BR1 ENT/HD2 Mini) MediaFast: HD2/4 EPX Surf SOHO
<b>20579</b>	[Web UI] Unable to save some advanced Wi-Fi AP settings	All Models
<b>20683</b>	[Web UI] When creating new VLAN, the list of existing	All Models

	Layer 2 PepVPN profiles shows up as empty.	
<b>20689</b>	[Web UI] For the EPX, module WANs will still appear on the dashboard after the module has been removed.	All Models
<b>20723</b>	[Cellular] Do not switch SIM card if SIM PIN status is unknown	Balance: LTE, 30 MAX: BR1/2, HD2/4, Transit MediaFast: HD2/HD4 EPX
<b>20739</b>	[PepVPN] PepVPN may stuck at updating routes status	All Models
<b>20832</b>	[WAN Analyzer   PepVPN] Fixed an issue which affected the WAN Analyzer and PepVPN test cannot be completed.	All Models
<b>20936</b>	[OpenVPN] Remote User VPN will be disconnected after apply changes	All Models
<b>20957</b>	[Cellular] Cellular WAN may stop working if the SIM cards invalid.	Balance: LTE, 30 MAX: BR1/2, HD2/4, Transit MediaFast: HD2/HD4 EPX
<b>20998</b>	[System] Fixed for TCP SACK CVE-2019-11477 CVE-2019-11478 CVE-2019-11479	All Models
<b>21016</b>	[SpeedFusion] Fixed the issue of too early to release out of order packet sequence.	Balance: B210 or above MAX: 700, HD2/4, Transit MediaFast: All SFE, EPX FusionHub
<b>21107</b>	[Drop-in Mode   IP Passthrough] IP Passthrough / Drop-in Mode with shared IP can now support another network from LAN	Balance: 210 or above MAX: BR1, Transit
<b>21133</b>	[Web UI] Drop-in mode setting may be lost after add/modify any settings on LAN Settings page	All Models
<b>21134</b>	[Web UI] [VLAN] Invalid IP on Setting page will be shown if configured Drop-in Mode with Shared IP	All Models
<b>21187</b>	[Wi-Fi AP] Fixed the connectivity issue after set Auto Channel.	Balance: 30 Pro, One MAX: 700, BR1/2, HD2/4, Transit (Exclude: BR1 ENT/HD2 Mini) MediaFast: HD2/4 EPX Surf SOHO

<b>21201</b>	[Cellular] Cellular WAN may not enter restriction mode.	Balance: LTE, 30 MAX: BR1/2, HD2/4, Transit MediaFast: HD2/HD4 EPX
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## Report an Issue

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

For the latest development news and known issues, take a look at our forums: <https://forum.peplink.com/>