

# Firmware 8.3.0 Release Notes

Release Date: Feb 20, 2023

## Devices Supported

This firmware release supports the following devices:

X Series	20X / 310X / 380X / 580X / MBX Mini / MBX / PDX / SDX / SDX Pro / EPX
Balance	20 HW7-8 / 20X / 30 LTE / 30 Pro / One / Two / 210 / 310 / 310 Fiber 5G / 310 5G / 305 HW2 / 380 HW6 / 580 HW2-3 / 380X / 580X / 710 HW3 / 1350 HW2 / 2500
MAX	BR1 Slim / BR1 Mini / BR1 Mini Core / BR1 M2M / BR1 ENT / BR1 ESN / BR1 MK2 / BR1 HW2-3 / BR1 PRO / BR1 Pro 5G / BR1 IP67 / BR2 / BR1 IP55 HW2-4 / BR2 Pro HW4 / BR2 IP55 HW2-3 / HD2 / HD2 IP67 / HD2 Mini / HD1 Dome / HD1 Dome Pro / HD2 Dome / HD4 / HD4 IP67 / Transit Pro E / Transit 5G / Transit / Transit Duo / Transit Mini / Transit Core / Hotspot / On-The-Go HW2 / 700
UBR	LTE / Plus
Surf	SOHO HW2 / SOHO MK3
MediaFast	200 / 500 / 750 / HD2 / HD4
SpeedFusion Engine	SFE / SFE CAM
FusionHub	FusionHub

## Important Notices

- The configuration file for Firmware 8.3.0 is not compatible with firmware versions 8.2.1 or below.
- For FusionSIM users, SFC SuperStation/FlexModule Plus SIM Injector must be upgraded to Firmware 8.3.0. The SIM Injector must be upgraded to [Firmware 1.1.115](#)
- For RemoteSIM users, the SIM Injector must be upgraded to [Firmware 1.1.115](#)
- **InControl** must be enabled on **PrimeCare** devices to update software features such as SpeedFusion (Bonding, WAN Smoothing, Hot Failover).
- Further major firmware updates will NOT support the following models. They will receive Firmware 8.3.x maintenance releases as needed.

Product	Hardware Revision
Balance 20	HW7-8
Balance 210	HW2-3
Balance 30 LTE	HW1-2
Balance 310	HW2-3
Balance 50	HW1-3
MAX 700	HW1-2
MAX BR1	HW2-3
MAX BR1	HW1
MAX BR1 ESN	HW1
MAX BR1 IP55	HW1-3
MAX BR1 IP67	HW1
MAX BR1 M2M	HW1-3
MAX BR1 MK2	HW1-3
MAX BR1 Mini	HW1-2
MAX BR1 Mini Core	HW1-2
MAX BR1 Pro	HW2-6
MAX BR1 Slim	HW1
MAX BR2	HW2-3
MAX BR2 IP55	HW2-3
MAX HD2	HW1-4
MAX HD2 IP67	HW1
MAX Hotspot	HW1
MAX On-The-Go	HW2

MAX Transit Mini	HW1
SpeedFusion Engine	HW1-2
Surf SOHO	HW2
Surf SOHO MK3	HW1
UBR LTE	HW1-2

## New Features

Reference	Description	Device Supported
16948	<p><b>[Synergy Mode]</b> Added: Configure other Peplink routers as if they are integrated WAN interfaces on your primary router (Details: <a href="https://forum.peplink.com/t/synergy-mode-(firmware-8.3.0)/">https://forum.peplink.com/t/synergy-mode-(firmware-8.3.0)/</a> )</p>	<p><b>Synergized Device:</b>  <b>Balance:</b> All  <b>MAX:</b> All  <b>MediaFast:</b> All  <b>UBR:</b> All  <b>X Series:</b> MBX/MBX Mini, PDX</p> <p><b>Synergy Controller:</b>  <b>Balance:</b> 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 380X, 580X  <b>MAX:</b> BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit (Except Mini), 700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4  <b>MediaFast:</b> All  <b>UBR:</b> Plus  <b>X Series:</b> All</p>
29056	<p><b>[SFC Protect]</b> SpeedFusion Connect Protect now comes with unlimited usage. Experience the full 200Mbps speed of SpeedFusion Connect Protect with the device's designated usage quota. In case of exceeding the limit, the Fair Usage Policy mode will decrease the speed to 10Mbps, while ensuring the availability of the service</p>	<p><b>All Models</b> (Except <b>FusionHub</b>)</p>
16701	<p><b>[Outbound Policy]</b> Outbound policy now supports client type as the source</p>	<p><b>All Models</b> (Except <b>FusionHub</b>)</p>
27546	<p><b>[Virtual WAN on VLAN]</b> Added Virtual WAN on VLAN</p>	<p><b>Balance:</b> 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 305/380 or above  <b>MAX:</b> BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2</p>

		<p>Pro HW4, Transit (Except Mini), 700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4</p> <p><b>MediaFast:</b> All  <b>UBR:</b> Plus  <b>X Series:</b> All  <b>SFE:</b> SFE Cam</p> <p>* If the above models have PrimeCare, one Virtual WAN on VLAN will be included</p>
29167	<b>[SpeedFusion]</b> Added: TCP Ramp Up mode. Boost the new TCP connection for a short period of time, which in some conditions will ramp up TCP throughput faster	<p><b>Balance:</b> 210 or above  <b>MAX:</b> 700, HD2/4, Transit  <b>UBR:</b> UBR LTE  <b>MediaFast:</b> All  <b>SFE</b>  <b>X Series:</b> All (Except 20X)  <b>FusionHub</b>  Device with PrimeCare license</p>
28566	<b>[LoRaWAN]</b> Added LoRaWAN support	<b>X Series:</b> B20X
23265	<b>[MAX Adapter]</b> When the MAX Adapter is connected to Balance/MAX device, it would become a Cellular WAN instead of a USB WAN	<p><b>Balance:</b> All  <b>MAX:</b> BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series  <b>MediaFast:</b> All  <b>X Series:</b> 380X, 580X, MBX, SDX, SDX Pro  <b>Surf SOHO</b></p>
27603	<b>[InTouch &amp; USB]</b> Supports FTDI-based USB-to-Serial adapters	<p><b>Balance:</b> All  <b>MAX:</b> BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series  <b>MediaFast:</b> All  <b>X Series:</b> All  <b>Surf SOHO</b></p>
26395	<b>[5GH or Cat-20 Devices]</b> Added: 2x antenna mode for a cellular module	<p><b>Balance:</b> 310 5G/Fiber 5G, 310X, 380X, 580X  <b>MAX:</b> BR1 Pro 5G, BR1 Pro HW7, BR2 Pro, Transit 5G, HD1 Dome/Dome Pro  <b>X Series:</b> All  Above models and product code contains "-GLTE-S" or "-5GH"</p>

## Improvements

Reference	Description	Device Supported
29732	<b>[Firewall]</b> Added an expert option to block the system traffic	<b>All Models</b>
29699	<b>[System]</b> Added: Start/Stop Remote Assistance is now logged into the Event Log	<b>All Models</b>
29717	<b>[Web UI]</b> Added: Remote Assistance Duration Setting and Status, Remote Assistance session will be turned off after expiration. In addition, Remote Assistance will be turned off after this firmware upgrade even if it was set to on previously.	<b>All Models</b>
29626	<b>[Synergy Mode]</b> Synergy Mode is included free of charge with any Care plan. Allow a Synergy host (under the Care plan) to support the first Synergized device regardless of its Care plan status.	<b>Synergized Device:</b> <b>Balance:</b> All <b>MAX:</b> All <b>MediaFast:</b> All <b>UBR:</b> All <b>X Series:</b> MBX/MBX Mini, PDX  <b>Synergy Controller:</b> <b>Balance:</b> 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit (Except Mini), 700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4 <b>MediaFast:</b> All <b>UBR:</b> Plus <b>X Series:</b> All
29268	<b>[Bonjour Forwarding]</b> Added support for Bonjour Forwarding	<b>MAX:</b> BR1 Pro HW7, BR1 Pro 5G, BR2 Pro, Transit Pro
27768	<b>[Device API]</b> Renamed the API function name for SpeedFusion Connect	<b>All Models</b>
25501	<b>[Remote SIM]</b> Added: Data Roaming with MCC	<b>Balance:</b> 20X, 310X, 310 5G, 380X, 580X <b>MAX:</b> BR1 Pro, Transit Core/Pro,

		HD2 Mini, HD1/2 Dome/Dome Pro <b>SFE:</b> SFE <b>UBR:</b> UBR LTE <b>X Series:</b> MBX, PDX
28868	<b>[SpeedFusion VPN]</b> The MAC Address of the SpeedFusion NAT connection is now displayed on the Status Page	<b>All Models</b>
27560	<b>[B20X]</b> Added: Wi-Fi WAN is now included with PrimeCare	<b>X Series:</b> B20X
29204	<b>[Cellular]</b> Added: New carrier profile for operator "Connect"	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
29170	<b>[Wi-Fi WAN]</b> Added: IP Forwarding option	<b>MAX:</b> 700, BR1/2, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> HD2/4 <b>X Series:</b> PDX, MBX <b>Surf SOHO</b>
27562	<b>[5G or Cat-20]</b> Signal Threshold Settings now support 5G and Cat-20 Cellular	<b>Balance:</b> 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1 Pro 5G, BR1 Pro HW7, BR2 Pro, Transit 5G, HD1 Dome/Dome Pro <b>X Series:</b> All
24590	<b>[5G]</b> Added: Carrier Selection	<b>Balance:</b> 310 5G/Fiber 5G, 310X <b>MAX:</b> BR1 Pro 5G, BR2 Pro, HD1 Dome Pro <b>X Series:</b> EPX, MBX, SDX Pro, SDX, 580X, 380X, 310X
28625	<b>[BR1 Mini HW3]</b> Added: DPI Support	<b>MAX:</b> BR1 Mini HW3
25888	<b>[Captive Portal]</b> Added JSON mode on coovachilli	<b>All Models</b> (Except <b>FusionHub</b> )
26060	<b>[Captive Portal]</b> Added MSCHAPv2 for RADIUS Authentication	<b>All Models</b> (Except <b>FusionHub</b> )
27767	<b>[Captive Portal]</b> Added: Auto update SSL Certificate (captive-portal.peplink.com) via InControl	<b>All Models</b> (Except <b>FusionHub</b> )
28806	<b>[Captive Portal]</b> Updated: Renewed SSL certificate (captive-portal.peplink.com)	<b>All Models</b> (Except <b>FusionHub</b> )

27027	<b>[Cellular]</b> Added: Band Channel Width is now shown in Details of Cellular	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
25957	<b>[Cellular]</b> Added: SIM Card Priority settings under Cellular Settings	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
28063	<b>[Cellular]</b> Added: SNMP supported UTRAN Cell ID	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
28728	<b>[Docker]</b> Added Search docker image with tag	<b>MediaFast:</b> 500, 750
29035	<b>[DPI]</b> "Session Logging" now includes Application Blocking logs	<b>All Models</b>
28062	<b>[FlexModule Mini 2SFP]</b> Added SNMP support	Device with module FlexModule Mini 2SFP
28602	<b>[FusionHub]</b> Added DHCP Reservation	<b>FusionHub</b>
25039	<b>[GPS]</b> Added: An option to turn off GPS and GPS Forwarding services	<b>Balance:</b> 20X, 310X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, 310X, MBX, PDX, SDX, SDX Pro, EPX
28731	<b>[GPS]</b> Added: Stationary option in Report Interval for GPS Forwarding	<b>Balance:</b> 20X, 310X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, 310X, MBX, PDX, SDX, SDX Pro, EPX
27782	<b>[GRE Tunnel]</b> Added: Untagged LAN support	<b>All Models</b>
28319	<b>[GRE Tunnel]</b> Supports Loopback Interface	<b>All Models</b>
28039	<b>[Ignition Sensing]</b> Supports up to 6 hours delay	<b>MAX:</b> BR1 Mini HW3, BR1/2 Pro, Transit Mini/Core/Pro, MBX <b>UBR:</b> All



28507	<b>[IPsec]</b> Added AES-GCM Mode	<b>All Models</b>
28560	<b>[MediaFast]</b> Updated: Caching and KVM/Docker are now named as Edge Computing	<b>MediaFast:</b> All
27602	<b>[OpenVPN WAN]</b> Added Site-to-Site VPN Mode	<b>All Models</b> (Except <b>FusionHub</b> )
28636	<b>[PDX]</b> Added: Reload SIMs from OLED Panel	<b>X Series:</b> PDX
28919	<b>[PepVPN]</b> Renamed: "PepVPN" to "SpeedFusion VPN"	<b>All Models</b>
28695	<b>[QoS]</b> Added: Application Queue - Bandwidth Control for Application	<b>All Models</b>
27990	<b>[Reset PIN]</b> Removed the reset Web Admin password by using reset pin	<b>Balance:</b> All (Except 305/380 or above) <b>MAX:</b> All <b>MediaFast:</b> 200 <b>X Series:</b> MBX <b>SFE:</b> All UBR <b>Surf SOHO</b>
27861	<b>[SFC Protect / SpeedFusion VPN]</b> Added support for Domain Lookup Policy	<b>All Models</b>
27648	<b>[SFC Protect]</b> Added an option to disable SFC latency checking	<b>All Models</b> (Except <b>FusionHub</b> )
27769	<b>[SFC Protect]</b> Renamed: "SpeedFusion Connect" to "SpeedFusion Connect Protect". "Home Sharing" to "Relay Mode"	<b>All Models</b> (Except <b>FusionHub</b> )
28358	<b>[SpeedFusion Cloud]</b> Added support for Domain Lookup Policy	<b>All Models</b> (Except <b>FusionHub</b> )
28261	<b>[SpeedFusion]</b> Dynamic Weighted Bonding is now the default option for new profiles	<b>Balance:</b> 210 or above <b>MAX:</b> 700, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> All <b>SFE</b> <b>X Series:</b> All (Except 20X) <b>FusionHub</b> Device with PrimeCare license
27664	<b>[SpeedFusion]</b> Enhanced NAT detection if a WAN interface is connected to multiple links	<b>Balance:</b> 210 or above <b>MAX:</b> 700, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> All <b>SFE</b> <b>X Series:</b> All (Except 20X)

		<b>FusionHub</b> Device with PrimeCare license
27043	<b>[System]</b> Added UDP Relay - Relay the UDP Broadcast and Multicast traffic to other VLANs or SpeedFusion VPN	<b>All Models</b>
27952	<b>[System]</b> Added: Choose the Source LAN Interface for Event Log, URL Logging, Sessions Logging and RADIUS	<b>All Models</b>
25685	<b>[System]</b> Web UI HTTPS/TLS now supports a minimum of TLS/DTLS version 1.3	<b>All Models</b>
29116	<b>[Transit Pro]</b> Renamed to Transit Duo Pro	<b>MAX:</b> Transit Duo Pro
24255	<b>[USB WAN]</b> Added: When USB Ethernet adapter or USB Dongle is plugged in, the USB WAN would connect automatically	<b>Balance:</b> All <b>MAX:</b> BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series <b>MediaFast:</b> All <b>X Series:</b> 380X, 580X, MBX, SDX, SDX Pro <b>Surf SOHO</b>
27686	<b>[WAN]</b> Added Hot-Standby mode for Balance devices	<b>All Models</b>
28081	<b>[Web UI]</b> Added: An indicator to identify WPA3 client	<b>All Models</b>
28484	<b>[Web UI]</b> Added: HSTS security header	<b>All Models</b>
28368	<b>[Wi-Fi WAN]</b> Added BSSID Steering support	<b>MAX:</b> 700, BR1/2, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> HD2/4 <b>X Series:</b> PDX, MBX <b>Surf SOHO</b>
28743	<b>[Wi-Fi WAN]</b> Added BSSID Steering support under support.cgi	<b>MAX:</b> 700, BR1/2, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> HD2/4 <b>X Series:</b> PDX, MBX <b>Surf SOHO</b>
28200	<b>[Wi-Fi WAN]</b> Added: OWE security policy on Wi-Fi WAN	<b>MAX:</b> 700, BR1/2, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> HD2/4 <b>X Series:</b> PDX, MBX <b>Surf SOHO</b>
28183	<b>[Wi-Fi]</b> Added: Operating Country - Argentina	<b>Balance:</b> 20X, 30 Pro, One <b>MAX:</b> All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) <b>MediaFast:</b> HD2/4

		<b>X Series:</b> 20X, MBX, PDX <b>UBR:</b> UBR LTE <b>Surf SOHO</b>
27832	<b>[Wi-Fi]</b> Updated: Wi-Fi Channel for Australia and New Zealand	<b>Balance:</b> 20X, 30 Pro, One <b>MAX:</b> All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, MBX, PDX <b>UBR:</b> UBR LTE <b>Surf SOHO</b>

## Resolved Issues

Reference	Description	Device Supported
29710	<b>[B310 5G]</b> Fixed: Cellular 2 LED on Balance 310 5G did not work	<b>Balance:</b> 310 5G/Fiber 5G
29692	<b>[FlexModule Plus]</b> Fixed: GPS might not work	<b>X Series:</b> EPX, SDX Pro, SDX
29691	<b>[MAX Adapter]</b> Fixed: Dashboard showed No SIM Card Detected when only SIM B was used on MAX Adapter	<b>Balance:</b> All <b>MAX:</b> BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series <b>MediaFast:</b> All <b>X Series:</b> 380X, 580X, MBX, SDX, SDX Pro <b>Surf SOHO</b>
29743	<b>[Security]</b> Enhanced the encryption for Diagnostic Report	<b>All Models</b>
29637	<b>[Captive Portal]</b> Fixed: Unable to save under LAN Settings page if Captive Portal was enabled	<b>All Models</b> (Except <b>FusionHub</b> )
29575	<b>[DHCP]</b> Fixed: Unable to define single IP address in DHCP pool found in 8.3.0 RC 4 firmware	<b>All Models</b>
29630	<b>[OpenVPN WAN]</b> Fixed: Unable to save an Enforced Outbound Policy Rule for OpenVPN WAN	<b>All Models</b> (Except <b>FusionHub</b> )
29635	<b>[Web UI]</b> Fixed: Adding DHCP option might show an invalid format that makes the setting unable to be saved or removed	<b>All Models</b>
29461	<b>[5G &amp; -5GD]</b> Fixed: Unable to upgrade cellular firmware that found in 8.3.0 RC 3 firmware	<b>Balance:</b> 310 5G/Fiber 5G, 310X, 380X, 580X <b>X Series:</b> 310X, 380X, 580X, SDX, SDX Pro, MBX, EPX (Device with 5G Cellular and

		product code contains -5GD)
29528	<b>[AP Controller]</b> Fixed: Unable to obtain the firmware pack that found in 8.3.0 RC 3 firmware	<b>Balance:</b> All <b>MAX:</b> 700, HD2/4, Transit <b>MediaFast:</b> All <b>X Series:</b> 380X, 580X, MBX Mini, MBX, PDX, SDX, SDX Pro, EPX
29433	<b>[BR1 HW2]</b> Fixed: Unable to show the AP Settings page that found in 8.3.0 RC 3 firmware	<b>MAX:</b> BR1 HW2
29437	<b>[Remote User Access]</b> Fixed: Unable to select VLAN network under "Connect to Network" that found in 8.3.0 RC 3 firmware	<b>All Models</b>
29466	<b>[SpeedFusion VPN]</b> Fixed: Unable to save, if Port of Remote IP was defined that found in 8.3.0 RC 3 firmware	<b>All Models</b>
29476	<b>[Surf SOHO MK3]</b> Fixed: WAN Quality showed incorrect WAN latency that was found in 8.3.0 RC 3 firmware	<b>Surf SOHO:</b> SOHO MK3
29313	<b>[GPS]</b> Fixed: Unable to clean up GPS data that might cause system instability	<b>Balance:</b> 20X, 310X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, 310X, MBX, PDX, SDX, SDX Pro, EPX
29305	<b>[SpeedFusion]</b> Fixed: Help Text in Traffic Distribution was showed duplicated that found in 8.3.0 RC 1 firmware.	<b>Balance:</b> 210 or above <b>MAX:</b> 700, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> All <b>SFE</b> <b>X Series:</b> All (Except 20X) <b>FusionHub</b> Device with PrimeCare license
16675	<b>[System]</b> Updated configuration file version. The configuration file for Firmware 8.3.0 is not compatible with firmware versions 8.2.1 or below.	<b>All Models</b>
29354	<b>[Virtual WAN on VLAN]</b> Fixed: Virtual WAN on VLAN could not be shown in InControl	<b>Balance:</b> 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 305/380 or above <b>MAX:</b> BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit (Except Mini),

		<p>700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4</p> <p><b>MediaFast:</b> All  <b>UBR:</b> Plus  <b>X Series:</b> All  <b>SFE:</b> SFE Cam</p> <p>* If the above models have PrimeCare, one Virtual WAN on VLAN will be included</p>
29367	<b>[VLAN &amp; BR1/2 Pro]</b> Fixed: LAN > VLAN Networks > Custom might not work	<p><b>MAX:</b> BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit Pro, HD1 Dome Pro</p>
29343	<b>[Web UI]</b> Fixed: Status page triggered language translation in Goolge Chrome that found in 8.3.0 RC 2 firmware	<b>All Models</b>
29251	<b>[AP Controller]</b> Fixed: AP devices managed by the AP Controller were not being displayed as online in InControl 2	<p><b>Balance:</b> All  <b>MAX:</b> 700, HD2/4, Transit  <b>MediaFast:</b> All  <b>X Series:</b> 380X, 580X, MBX Mini, MBX, PDX, SDX, SDX Pro, EPX</p>
29226	<b>[Cellular &amp; 5GH]</b> Fixed: Could not show the signal info in the details of Cellular WAN	<p><b>Balance:</b> 310 5G/Fiber 5G, 310X, 380X, 580X  <b>MAX:</b> BR1 Pro 5G, BR2 Pro, Transit 5G, HD1 Dome Pro  <b>X Series:</b> 310X, 380X, 580X, SDX, SDX Pro, MBX, EPX</p> <p>Above device with 5G cellular and product code contains "-5GH"</p>
29262	<b>[Cellular LTEA-Q / LTEA-B]</b> Fixed: Could not establish cellular connection if IMS PDN profile was enabled	Device with intergraded cellular and product code contains LTEA-Q or LTEA-B
29235	<b>[Cellular]</b> Fixed: Band selection might not work properly	<p><b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X  <b>MAX:</b> BR1/2, HD1/2/4, Transit  <b>UBR:</b> All  <b>MediaFast:</b> HD2/HD4  <b>X Series:</b> All</p>
29206	<b>[Cellular]</b> Fixed: Cellular firmware might fail to upgrade on LTE-US device	<p><b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X  <b>MAX:</b> BR1/2, HD1/2/4, Transit</p>

		<b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
29188	<b>[Cellular]</b> Fixed: Device might not connect to InControl after upgrading the cellular firmware	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
29190	<b>[SpeedFusion VPN]</b> Fixed: Could not disable WAN-to-WAN link under the SpeedFusion VPN test found in beta 2 firmware	<b>All Models</b>
29164	<b>[Cellular &amp; 5GH]</b> Fixed: Band selection list could not be shown on 5GH devices that found on beta 1 firmware	<b>Balance:</b> 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1 Pro 5G, BR2 Pro, Transit 5G, HD1 Dome Pro <b>X Series:</b> 310X, 380X, 580X, SDX, SDX Pro, MBX, EPX Above device with 5G cellular and product code contains "-5GH"
29155	<b>[Cellular]</b> Fixed: SIM card on SIM Slot B might not be connected that found on beta 1 firmware	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
29100	<b>[FusionSIM]</b> Fixed: Device would not receive FusionSIM from SIM Injector FlexModule in Beta 1 Firmware	SIM Injector FlexModule
29112	<b>[SpeedFusion]</b> Fixed: Dynamic Weighted Bonding might drop packets unexpectedly for handling bufferbloat.	<b>Balance:</b> 210 or above <b>MAX:</b> 700, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> All <b>SFE</b> <b>X Series:</b> All (Except 20X) <b>FusionHub</b> Device with PrimeCare license
29142	<b>[Web UI]</b> Fixed: SpeedFusion VPN graphs could not be shown that found on beta 1 firmware	<b>All Models</b>
28340	<b>[B20X]</b> Fixed: API cmd.carrier.select did not work	<b>X Series:</b> 20X
28703	<b>[B20X]</b> Fixed: Setup Wizard configured IP Passthrough	<b>X Series:</b> 20X

	instead of Drop-in Mode	
28019	<b>[B20X]</b> Fixed: Unable to save config to flash	<b>X Series:</b> 20X
28802	<b>[BR1 MINI HW3]</b> Fixed: LAN2 port negotiation issue	<b>MAX:</b> BR1 Mini HW3
28894	<b>[BR1 MINI HW3]</b> Fixed: Packet drop might occur on the LAN	<b>MAX:</b> BR1 Mini HW3
28480	<b>[BR1 MINI HW3]:</b> Fixed: 2.4GHz Wi-Fi radio might not work after applying new changes	<b>MAX:</b> BR1 Mini HW3
28646	<b>[BR2 Pro]</b> Fixed: API cmd.sms.sendMessage did not work	<b>MAX:</b> BR2 Pro
28773	<b>[Captive Portal]</b> Fixed: Usage quota counted the LAN to LAN usage	<b>All Models</b> (Except <b>FusionHub</b> )
28010	<b>[Cellular &amp; 5GH]</b> Fixed: Cellular interface did not work on Verizon with custom APN settings on the device	<b>Balance:</b> 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1 Pro 5G, BR2 Pro, Transit 5G, HD1 Dome Pro <b>X Series:</b> 310X, 380X, 580X, SDX, SDX Pro, MBX, EPX Above device with 5G cellular and product code contains "-5GH"
28277	<b>[Cellular]</b> Fixed: Typo under Cellular Engineering Details	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
27887	<b>[Cellular]</b> Fixed: Unable to obtain IP address on Netherlands KPN SIM card	<b>Balance:</b> 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X <b>MAX:</b> BR1/2, HD1/2/4, Transit <b>UBR:</b> All <b>MediaFast:</b> HD2/HD4 <b>X Series:</b> All
27888	<b>[Device API]</b> Fixed: The usage count of status.wan.connection.allowance was showing KB when the unit was set to MB	<b>All Models</b>
27965	<b>[DHCP]</b> Fixed: DHCP option 138 was duplicated in DHCP packet	<b>All Models</b>
27917	<b>[Docker]</b> Fixed: Incorrect API request might cause system instability	<b>MediaFast:</b> 500, 750
28298	<b>[EPX]</b> Fixed: Some options might be missing from Cellular Interface UI	<b>X Series:</b> EPX

27933	<b>[FlexModule Plus 3x SFP+ Module and HA]</b> Fixed: If FlexModule Plus SFP+ is configured as LAN, and HA with "Resume Master Role Upon Recovery" is enabled, the Slave device cannot be changed back to the Slave role after the Master device is resumed	<b>X Series:</b> EPX, SDX Pro SDX
27870	<b>[FlexModule Plus Ethernet Module]</b> Fixed: PoE LED will remain "off" after power cycle	<b>X Series:</b> EPX, SDX Pro SDX
28075	<b>[NetFlow]</b> Fixed: Netflow packets might not be sent out over SpeedFusion tunnels	<b>Balance:</b> 30 LTE/Pro, One/Two, 210/310 HW4 or above, 305/380 or above <b>MAX:</b> BR1 ENT, Transit, 700 HW3 or above, HD2 HW5 or above, HD4 <b>MediaFast:</b> All <b>X Series:</b> All <b>FusionHub</b>
28338	<b>[Outbound Policy]</b> Fixed: Outbound Policy Expert Mode rule overrode the LAN routes	<b>All Models</b> (Except <b>FusionHub</b> )
28058	<b>[Remote SIM]</b> Fixed: Unable to communicate with RemoteSIM Proxy on LAN side when Auto LAN discovery was disabled	<b>Balance:</b> 20X, 310X, 310 5G, 380X, 580X <b>MAX:</b> BR1 Pro, Transit Core/Pro, HD2 Mini, HD1/2 Dome/Dome Pro <b>SFE:</b> SFE <b>UBR:</b> UBR LTE <b>X Series:</b> MBX, PDX
28065	<b>[SNMP]</b> Fixed: ifIndex for SpeedFusion VPN profile would changed after a device reboot	<b>All Models</b>
29068	<b>[SpeedFusion VPN]</b> Fixed: SpeedFusion VPN Test button did not show on HA Slave device when Configuration Sync was enabled	<b>All Models</b>
27763	<b>[SpeedFusion]</b> Fixed: UDP traffic might route to wrong sub-tunnel	<b>Balance:</b> 210 or above <b>MAX:</b> 700, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> All <b>SFE</b> <b>X Series:</b> All (Except 20X) <b>FusionHub</b> Device with PrimeCare license
28235	<b>[System]</b> Fixed: API config.wan.connection did not work	<b>All Models</b>
27989	<b>[System]</b> Fixed: Firmware upgrade may fail to	<b>All Models</b>



	complete	
28032	<b>[System]</b> Fixed: HTTP Health Check might fail	<b>All Models</b>
27960	<b>[System]</b> Fixed: IPv6 option was enabled by default	<b>All Models</b>
28281	<b>[Web UI]</b> Fixed incorrect field names were displayed in Setup Wizard > Drop-in Mode	<b>All Models</b>
27879	<b>[Web UI]</b> Fixed: Active Sessions would not show IPsec VPN traffic	<b>All Models</b>
28476	<b>[Web UI]</b> Fixed: Some of the WAN Latency data points might be missed	<b>All Models</b>
28582	<b>[Web UI]</b> Fixed: WAN Quality did not work on Virtual VLAN WAN	<b>All Models</b>
28353	<b>[Web UI]</b> Upgraded JQuery library that fixed XSS vulnerabilities	<b>All Models</b>
28186	<b>[Wi-Fi AP]</b> Fixed: Client restriction in Access Control Settings might not work	<b>Balance:</b> 20X, 30 Pro, One <b>MAX:</b> All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, MBX, PDX <b>UBR:</b> UBR LTE <b>Surf SOHO</b>
28711	<b>[Wi-Fi AP]</b> Fixed: The traffic of Wi-Fi Clients could not be routed after they roamed from integrated AP to external AP	<b>Balance:</b> 20X, 30 Pro, One <b>MAX:</b> All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, MBX, PDX <b>UBR:</b> UBR LTE <b>Surf SOHO</b>
28972	<b>[Wi-Fi AP]</b> Fixed: When the device was using 5GHz Wi-Fi, InControl was showing 2.4GHz	<b>Balance:</b> 20X, 30 Pro, One <b>MAX:</b> All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) <b>MediaFast:</b> HD2/4 <b>X Series:</b> 20X, MBX, PDX <b>UBR:</b> UBR LTE <b>Surf SOHO</b>
28478	<b>[Wi-Fi WAN   Transit/HD]:</b> Fixed: Fast Transition malfunction on Transit and HD series devices	<b>MAX:</b> 700, BR1/2, HD2/4, Transit <b>MediaFast:</b> HD2/4
27981	<b>[Wi-Fi WAN]</b> Fixed: Wi-Fi WAN might not connect to the AP when MBO/OCE was enabled	<b>MAX:</b> 700, BR1/2, HD2/4, Transit <b>UBR:</b> UBR LTE <b>MediaFast:</b> HD2/4 <b>X Series:</b> PDX, MBX

		Surf SOHO
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## Known Issues

Reference	Description	Device Supported
<b>28109</b>	<b>[System]</b> YouTube blocking may not work	<b>All Models</b>

## Report an Issue

To report an issue, please open a support ticket at:

<https://ticket.peplink.com/>

For the latest development news and known issues, take a look at our forums:

<https://forum.peplink.com/>