

Router Firmware 8.6.0 RC 5 Release Notes

Release Date: July 8, 2026

Devices Supported

This firmware release supports the following devices:

Balance	20X / Two / 310 HW5 / 310 5G / 310 Fiber 5G / 310X / 380X / 580X / 305 HW2 / 380 HW6 / 580 HW2,3 / 710 HW3 / 1350 HW2 / 2500 / 1350 EC / 2500 EC / 5000 EC
SDX	SDX / SDX Pro
Dome	HD1 Dome Pro / Pro Duo / Pro LR
MBX	MBX / MBX Mini
BR	BR1 Mini HW3 / BR1 Mini Core HW3 / BR1 Mini 5G / BR1 Mini M2M / BR1 IP55 HW4 / BR1 Pro (CAT-20) HW7 / BR1 Pro 5G / BR2 Pro HW4 / BR2 HW4 / BR2 Micro
Transit	Pro E HW2 / Duo Pro
Orbit	MAX Orbit 2 / MAX Orbit 4 / MAX Orbit 8
B One	B One / B One Plus / B One 5G
MediaFast	500 / 750
UBR	UBR Plus
EPX / PDX / FusionHub	

Important Notices

- The following models must be upgraded to Firmware 8.5.4 before upgrading to Firmware 8.6.0:
BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro
Dome, Transit, B One: All
- When FIPS is enabled, IPsec VPN preshared keys must be at least 14 characters long. Existing IPsec VPN profiles with shorter preshared keys may need to be updated before they can connect successfully.

New Features

Reference	Description	Device Supported
36310	[Beta 3] [SFC Direct Access] Added Direct Access support for the SF Connect App, allowing users to connect directly to supported routers.	All Models
27016	[Beta 2] [Remote User Access] Added WireGuard as a Remote User Access VPN option.	All Models
36233	[Beta 2] [WAN] Added OneWeb integration support.	All Models (Except HD1 Dome Pro)
28594	[Beta 1] [SpeedFusion VPN] Added SpeedFusion Boost to improve application performance over SpeedFusion connections using Starlink, 5G, and other suitable WAN links. (Fixed in: 8.5.4s005, 8.5.3s173, 8.5.3s153)	All Models
29011	[Beta 1] [Wi-Fi] Added support for RADIUS over TLS (RadSec). (Fixed in: 8.5.1s144, 8.5.1s142, 8.5.1s117)	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX

Improvements

Reference	Description	Device Supported
25292	[RC 4] [Cellular & 5GN] Added support for Multi-APN connections	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GN)
21555	[RC 4] [Cellular & IPv6] Added IPv6 support for selected cellular devices.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro Transit: Pro E B One: B One Plus, B One 5G EPX, PDX SDX, Dome, MBX: All (Device with Cellular and product code contains 5GD, 5GH, 5GK, 5GN, GLTE-S)
36724	[RC 4] [IPv6] Added support for configuring IPv6 SLAAC/DHCPv6 connection mode for Ethernet WAN.	Dome: Pro Duo, Pro LR BR: BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro EPX, PDX, FusionHub Balance, SDX, MediaFast, MBX, UBR, Transit, Orbit, B One: All
36981	[RC 4] [Management Port] Added support for configuring the dedicated Management Port in LAN Port Settings on supported models.	Balance: 2500, 1350 EC, 2500 EC, 5000 EC

Reference	Description	Device Supported
35229	[RC 4] [SNMP] Added support for customizing SNMP trap alerts for key device health and cellular events. (Fixed in: 8.5.4s066)	All Models
36946	[RC 3] [Serial Port] Added Serial Interface support to Local Service Firewall rules, allowing access to serial ports to be controlled by firewall policy.	BR: BR1 Mini M2M, BR2 Pro Transit: All Orbit: MAX Orbit 4
36717	[RC 2] [IPsec] Added a warning to ensure IPsec VPN and Remote User Access preshared keys are at least 14 characters long.	All Models
32758	[RC 2] [SpeedFusion VPN] Added MAC address whitelist support for Layer 2 SpeedFusion tunnels, including MAC prefix matching.	All Models
32759	[RC 2] [System] Added Virtual Network Mapping support for inter-VLAN traffic, including mappings to virtual IPs that overlap with VLAN subnets.	All Models
34623	[RC 2] [System] Added WAN status summary logs to help troubleshoot WAN connectivity issues.	All Models
35377	[RC 1] [FusionHub] Added SpeedFusion VPN Route Isolation support on FusionHub. (Fixed in: 8.5.3s076)	FusionHub
34707	[RC 1] [SpeedFusion VPN] Added an “Advertise Routes to Peer” setting for NAT Mode SpeedFusion VPN, allowing route advertisement to remote peers to be disabled.	All Models
36464	[Beta 3] [Cellular & 5GK / 5GN] Added support for controlling 5G SA Carrier Aggregation on supported cellular modules.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GK/5GN)

Reference	Description	Device Supported
36710	[Beta 3] [Cellular & 5GN] Added support for upgrading 5GN cellular modules to firmware that includes RED DA support and improved 5G SA network compatibility. (Fixed in: 8.5.4s090)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GN)
36276	[Beta 3] [Cellular & LTEA-US] Added support for recovering LTEA-US cellular modules through support.cgi.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with cellular and product code contains LTEA-US)
36536	[Beta 3] [IPsec] Added SHA2-384 authentication algorithm support for IPsec VPN Phase 2	All Models
36508	[Beta 3] [RADIUS] Added NAS-Identifier support for Web Admin RADIUS authentication.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub
36546	[Beta 3] [Starlink] Added Starlink status information to WAN Details.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX (Except FusionHub)

Reference	Description	Device Supported
36500	[Beta 3] [Synergy Mode] Added a Synergy WAN transport mode setting to choose between Performance and Compatibility modes.	Synergized Device: Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX Synergy Controller: All Models (Except FusionHub)
36625	[Beta 3] [Virtual WAN on VLAN] Added one included Virtual WAN on VLAN for eligible router models with an active Care plan.	All Models (Except BR1 IP55) All eligible models with an active Care plan
28965	[Beta 2] [Cellular & 5GD] Added 5G SA support for 5GD cellular modules. (Fixed in: 8.5.4s011, 8.5.3s125, 8.5.3s036)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GD)
36549	[Beta 2] [Cellular & 5GK / 5GN] Added framed routing support for 5GK / 5GN cellular modules (Fixed in: 8.5.4s082, 8.5.4s057)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GK/5GN)

Reference	Description	Device Supported
11430	[Beta 2] [Cellular MTU] Updated Cellular WAN MTU handling to apply the network-provided MTU value when it is lower than the Web UI configured value.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Except devices with product codes containing LTE-SB)
33106	[Beta 2] [Synergy Mode & Wi-Fi 6] Added support for managing Wi-Fi APs on supported Synergized Devices through AP Controller.	Synergized Device & Wi-Fi 6: Dome: All BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro Transit: All Orbit: MAX Orbit 2, MAX Orbit 4 B One: All Synergy Controller: All Models (Except FusionHub)
34409	[Beta 1] Enabled permanent FIPS support on eligible devices.	All models, except: <ul style="list-style-type: none"> - Balance 20X - B One Series - BR1 Mini Series - Any other models with SKUs containing: 5GN, LTE-E, LTE-EU, LTE-EJ, LTE-MX, LTE-MXS, LTE-US, or LTEA-D
34968	[Beta 1] Added Jumbo Frame support for selected models. (Fixed in: 8.5.4s019)	Balance: 310, 580X HW2, 310 5G HW3 Dome: All BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro Transit, Orbit, B One: All

Reference	Description	Device Supported
25032	[Beta 1] [AP Controller] Added support for tri-band external APs and integrated APs in the AP Controller.	Balance, SDX, MediaFast, Dome, MBX, UBR: All BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro Transit, Orbit, B One: All EPX, PDX
35571	[Beta 1] [B One] Added support for Edge Compute on B One Series devices when PrimeCare is active.	B One: B One, B One Plus
36097	[Beta 1] [B580X HW2] Added LACP support on Balance 580X HW2.	Balance: 580X HW2
36199	[Beta 1] [BGP] Added support for importing BGP default routes. (Fixed in: 8.5.4s028, 8.5.4s027)	All Models (Except Balance 310 5G HW3)
33801	[Beta 1] [BR1 Mini 5G] Added Ethernet port status monitoring for BR1 Mini 5G models.	BR: BR1 Mini
33283	[Beta 1] [Cellular] Added a one-click option to erase all SMS messages stored on a SIM.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
30572	[Beta 1] [Cellular] Added support for configurable 5G signal strength thresholds on supported cellular modems. (Fixed in: 8.5.4s014, 8.5.3s190, 8.5.3s186)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
32160	[Beta 1] [Cellular] Added support for SMS control messages sent through supported SIM provider portals. (Fixed in: 8.5.3s107, 8.5.2s106)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX

Reference	Description	Device Supported
34145	<p>[Beta 1] [Cellular & 5GN] Added support for DHCP relay and routing behind the mobile station on supported 5GN cellular in IP forwarding mode.</p> <p>(Fixed in: 8.5.3s003, 8.5.2s031)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X</p> <p>SDX, Dome, MBX, UBR, BR, Transit: All</p> <p>B One: B One Plus, B One 5G EPX, PDX</p> <p>(Device with Cellular and product code contains 5GN)</p>
32297	<p>[Beta 1] [Cellular & 5GN] Improved Cellular WAN startup time after boot.</p> <p>(Fixed in: 8.4.1s092, 8.4.1s083)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X</p> <p>SDX, Dome, MBX, UBR, BR, Transit: All</p> <p>B One: B One Plus, B One 5G EPX, PDX</p> <p>(Device with Cellular and product code contains 5GN)</p>
34948	<p>[Beta 1] [Cellular & 5GN] Improved cellular WAN startup time by skipping an unnecessary carrier selection command when automatic selection is already active.</p> <p>(Fixed in: 8.5.4s031, 8.5.3s134, 8.5.3s083)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X</p> <p>SDX, Dome, MBX, UBR, BR, Transit: All</p> <p>B One: B One Plus, B One 5G EPX, PDX</p> <p>(Device with Cellular and product code contains 5GN)</p>
35037	<p>[Beta 1] [Device API] Added API support for uploading and downloading configuration files using token-based authentication.</p> <p>(Fixed in: 8.5.4s029)</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub</p>

Reference	Description	Device Supported
35365	<p>[Beta 1] [Docker] Added support for automated Docker container and image removal actions. (Fixed in: 8.5.3s072)</p>	<p>Balance: 310, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, MBX: All BR: BR1 Pro 5G, BR2 Pro Transit, Orbit, B One: All EPX, PDX EPX (with EXM-LCDT)</p>
34777	<p>[Beta 1] [DPI] Added logging for sessions blocked by IDS and DoS protection.</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub</p>
34798	<p>[Beta 1] [DPI] Improved OpenVPN traffic detection in DPI, including traffic on non-standard ports.</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub</p>
35204	<p>[Beta 1] [eSIM] Added support for displaying BYO eSIM details in Synergy mode. (Fixed in: 8.5.3s043)</p>	<p>Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX</p>

Reference	Description	Device Supported
35650	[Beta 1] [eSIM] Added support for the newer GSMA eSIM profile format used by some providers. (Fixed in: 8.5.3s140)	Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX
33176	[Beta 1] [eSIM] Added support for up to four eSIM profiles on each cellular module.	Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX
36073	[Beta 1] [eSIM] Updated Peplink eSIM carrier name display for better identification of connected networks	Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX
23046	[Beta 1] [Firewall] Added firewall log entries with the matching rule name.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub

Improvements cont. 10/15

Reference	Description	Device Supported
34932	[Beta 1] [FusionHub] Added SSH and CLI access to FusionHub for token and authentication management.	FusionHub
36288	[Beta 1] [FusionHub] Added support for graceful shutdown and reboot handling in FusionHub on Proxmox. (Fixed in: 8.5.4s064)	FusionHub
35631	[Beta 1] [FusionHub] Fixed an issue where FusionHub could reach the maximum number of concurrent sessions (Fixed in: 8.5.3s128)	FusionHub
36461	[Beta 1] [GPIO] Added support for triggering a factory reset using a GPIO input.	Balance: 310 MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All Orbit: MAX Orbit 2, MAX Orbit 4 B One: All
35603	[Beta 1] [InTouch] Added support for monitoring USB serial adapters and connected serial ports so InTouch can report connection state and timeout events. (Fixed in: 8.5.3s152)	All Models
35094	[Beta 1] [LAN] Added support for static routes that resolve through a domain name.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub

Reference	Description	Device Supported
35602	[Beta 1] [QoS] Added support for per-WAN bandwidth limiting on WAN interfaces so configured upload and download limits can be enforced on actual traffic.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub
8003	[Beta 1] [SNMP] Added support for exporting GPS information through SNMP.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub
35572	[Beta 1] [SpeedFusion VPN] Added support for up to 1000 SpeedFusion peers on B1350 EC devices. (Fixed in: 8.5.3s214)	All Models
34909	[Beta 1] [Starlink] Updated Starlink WAN health checks to use 8.8.8.8 and 1.1.1.1 when “Use first two DNS servers as PING Hosts / DNS Health Check DNS Server” is selected, or when no health check host is configured. (Fixed in: 8.5.4s015, 8.5.3s029, 8.5.3s015)	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX (Except FusionHub)

Reference	Description	Device Supported
35633	<p>[Beta 1] [Synergy Mode] Added a secure fallback certificate for Synergy TLS connections to maintain compatibility with older peers.</p> <p>(Fixed in: 8.5.3s139, 8.5.3s127, 8.5.2s155)</p>	<p>Synergized Device:</p> <p>Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX</p> <p>Synergy Controller:</p> <p>All Models (Except FusionHub)</p>
34964	<p>[Beta 1] [Synergy Mode] Added support for up to 40 Synergy WAN connections on selected models.</p> <p>(Fixed in: 8.5.4s045, 8.5.3s012)</p>	<p>Synergized Device:</p> <p>Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX</p> <p>Synergy Controller:</p> <p>All Models (Except FusionHub)</p>
34892	<p>[Beta 1] [System] Added a new CLI command to display cellular status across supported modem types.</p>	All Models
22390	<p>[Beta 1] [System] Added support for IEEE 802.1p CoS values on VLAN-tagged and virtual VLAN WAN interfaces.</p> <p>(Fixed in: 8.5.4s026, 8.5.2s096)</p>	All Models
33576	<p>[Beta 1] [System] Added support for importing BGP routes only when they originate from a specified ASN.</p> <p>(Fixed in: 8.5.1s058)</p>	All Models

Reference	Description	Device Supported
35316	[Beta 1] [System] Added support for raw TCP connections from the CLI to Ethernet-to-Serial servers.	All Models
36201	[Beta 1] [System] Added support for redistributing BGP default routes to OSPF. (Fixed in: 8.5.4s028, 8.5.4s027)	All Models
36198	[Beta 1] [System] Added WAN failover event logs for entering and exiting backup state.	All Models
35677	[Beta 1] [System] Added WAN names to Status > Ethernet Port Details and the API for easier port identification.	All Models
35008	[Beta 1] [System] Updated security standards now require stronger certificates and keys. Weak certificates and keys, such as DSA, short RSA keys, or legacy PKCS#12 files, are no longer supported. If an outdated certificate is detected, the device will automatically use the "secure default certificate" to maintain protection. Please review "Certificate Manager" and replace any outdated certificates with modern, secure versions.	All Models
30750	[Beta 1] [USB WAN] Added support for automatic Ethernet detection on all USB modem ports.	Balance: 20X, Two, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, MBX: All BR: BR2 Pro, BR2 Orbit: MAX Orbit 4, MAX Orbit 8 B One: All PDX

Reference	Description	Device Supported
25806	[Beta 1] [Web UI] Updated the front panel display in the Web UI.	Balance: 2500, 2500 EC, 5000 EC Dome: All BR: BR1 Mini, BR2 Transit, B One: All PDX
32866	[Beta 1] [Wi-Fi] Added PPSK names to the wireless client list so admins can identify which passphrase each client used.	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX
35589	[Beta 1] [Wi-Fi AP] Added support for advertising metered Wi-Fi connections in beacon frames for AP and controller-managed SSIDs.	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX
34293	[Beta 1] [Wi-Fi AP] Added support for enabling or disabling specific Wi-Fi data rates on each AP radio.	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX

Reference	Description	Device Supported
34958	<p>[Beta 1] [Wi-Fi WAN] Improved Wi-Fi WAN roaming to reduce interruptions during handoff.</p> <p>(Fixed in: 8.5.0s107, 8.5.0s104, 8.5.0s102)</p>	<p>Balance: 20X, 310 5G HW3</p> <p>Dome, MBX, UBR: All</p> <p>BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2</p> <p>Transit: All</p> <p>Orbit: MAX Orbit 2, MAX Orbit 4</p> <p>B One: All</p> <p>PDX</p>

Resolved Issues

Reference	Description	Device Supported
37088	[RC 5] Fixed an issue found in RC 4 where Management Port configuration might not be available in LAN Port Settings on selected models.	Balance: 380X, 580X SDX: All
37131	[RC 5] [Cellular] Fixed an issue where Cellular WAN might fail to establish a data connection with Yettel Bulgaria on selected cellular modules. (Fixed in: 8.5.4s105, 8.5.4s097)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X B One: B One Plus, B One 5G EPX, PDX SDX, Dome, MBX, UBR, BR, Transit: All
37093	[RC 5] [FIPS] Fixed an issue where InControl Remote Web Admin might not work in FIPS mode.	Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro EPX, PDX, FusionHub SDX, MediaFast, Dome, MBX, Transit, Orbit, B One: All
37076	[RC 5] [IPv6] Fixed an issue where enabling or disabling IPv6 Passthrough might require a device reboot for the change to take effect.	Dome: Pro Duo, Pro LR BR: BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro EPX, PDX, FusionHub Balance, SDX, MediaFast, MBX, UBR, Transit, Orbit, B One: All
37059	[RC 5] [SpeedFusion Connect] Fixed an issue where the SpeedFusion Connect status might incorrectly show the data allowance as Unlimited when the data quota was exhausted.	All Models (Except FusionHub)

Reference	Description	Device Supported
37074	[RC 5] [System] Fixed an issue where LAN clients might not establish IPv6 connectivity immediately after obtaining an IPv6 address when IPv6 SLAAC/DHCPv6 is enabled.	All Models
37063	[RC 4] [Remote User Access] Fixed an issue where the Source Network Address setting for OpenVPN Remote User Access might reset after updating the selected VLAN settings.	All Models
21690	[RC 4] [RemoteSIM] Fixed an issue where RemoteSIM might fail to connect when the SIM card has SIM PIN enabled.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G, BR1 IP55, BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G EPX, PDX
36968	[RC 4] [SFC Direct Access] Fixed an issue where SF Connect App Direct Access might be unable to access the router Web Admin or devices on the router's LAN.	All Models
28456	[RC 4] [SpeedFusion VPN] Fixed an issue where OSPF routes learned over SpeedFusion VPN might incorrectly conflict with local VLAN routes.	All Models
36991	[RC 4] [Synergy Mode] Fixed an issue where connected Synergy WANs might not be included in the WAN count shown on the device display.	Synergized Device: Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX Synergy Controller: All Models (Except FusionHub)

Reference	Description	Device Supported
36977	[RC 4] [System] Fixed an issue where device status might not update correctly on InControl. (Fixed in: 8.5.4s083)	All Models
37016	[RC 4] [System] Fixed an issue where SaaS traffic classification in the Connection Sessions page might not align with SaaS-based outbound policy rules.	All Models
34910	[RC 4] [System] Fixed an issue where WAN IP address changes during DHCP renewal might not be reflected correctly in event logs and related services. (Fixed in: 8.5.4s015, 8.5.3s029)	All Models
35640	[RC 3] [RemoteSIM] Fixed an issue where the RemoteSIM client might stop working unexpectedly. (Fixed in: 8.5.3s133)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G, BR1 IP55, BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G EPX, PDX
36934	[RC 3] [Security Advisory] Fixed a CLI vulnerability that could allow command injection.	All Models
36935	[RC 3] [Security Advisory] Fixed a Web Admin vulnerability that could allow unauthenticated access to internal binaries.	All Models
36643	[RC 3] [SpeedFusion VPN] Fixed an issue where SpeedFusion VPN profiles might remain in "Updating Routes..." after firmware upgrade.	All Models

Reference	Description	Device Supported
36839	<p>[RC 2] [Cellular & 5GK] Fixed an issue where 5GK cellular might drop cellular connections on the A1 Bulgaria network.</p> <p>(Fixed in: 8.5.4s105, 8.5.4s097)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X</p> <p>SDX, Dome, MBX, UBR, BR, Transit: All</p> <p>B One: B One Plus, B One 5G EPX, PDX</p> <p>(Device with Cellular and product code contains 5GK)</p>
36800	<p>[RC 2] [FusionHub] Fixed an issue where FusionHub using SpeedFusion with VRF might become unresponsive over time.</p>	FusionHub
36842	<p>[RC 2] [RemoteSIM] Fixed an issue where RemoteSIM discovery responses might be routed incorrectly when a high-priority outbound policy is configured.</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X</p> <p>SDX, Dome, MBX, UBR: All</p> <p>BR: BR1 Mini, BR1 Mini 5G, BR1 IP55, BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro</p> <p>Transit: All</p> <p>B One: B One Plus, B One 5G EPX, PDX</p>
35545	<p>[RC 2] [SpeedFusion VPN] Fixed an issue where ARP requests for Layer 2 SpeedFusion static route gateways might be incorrectly dropped.</p> <p>(Fixed in: 8.5.3s129)</p>	All Models
36764	<p>[RC 2] [System] Added an error message when firmware upgrade cannot proceed due to insufficient valid storage space.</p>	All Models
36835	<p>[RC 2] [System] Fixed an issue where CNAME records with underscores in the record name might not be accepted.</p>	All Models
36817	<p>[RC 2] [System] Fixed an issue where WAN up/down event logs could report an incorrect WAN priority, which could affect InControl notification handling.</p>	All Models

Reference	Description	Device Supported
36812	[RC 2] [Wi-Fi AP] Fixed an issue where Wi-Fi clients might remain connected but experience very low or 0 Mbps throughput when the signal became weak.	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX
36709	[RC 1] Fixed an issue where devices with watchdog enabled might reboot unexpectedly when running 8.6.0 Beta 2.	Balance: 20X, 310, 580X HW2 Dome, UBR: All BR: BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro Transit, B One: All
36793	[RC 1] [Synergy Mode] Fixed an issue where Synergy WAN mapping and status could become incorrect after configuration changes without rebooting.	Synergized Device: Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX Synergy Controller: All Models (Except FusionHub)

Reference	Description	Device Supported
36761	[RC 1] [Synergy Mode] Fixed an issue where the Synergy link might disconnect during Speedtest or when the Synergy WAN is saturated.	Synergized Device: Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX Synergy Controller: All Models (Except FusionHub)
36499	[Beta 3] [HA] Fixed an issue where High Availability might not follow the “Resume Master Role Upon Recovery” setting as expected.	All Models (Except FusionHub)
36616	[Beta 3] [SpeedFusion Connect] Fixed an issue where SpeedFusion Connect sub-tunnels might fail to establish after upgrading to 8.6.0 Beta 2.	All Models (Except FusionHub)
36719	[Beta 3] [Synergy Mode] Fixed an issue where Synergy WAN using VLAN WAN might map to the wrong physical interface on module-based models.	Synergized Device: Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX Synergy Controller: All Models (Except FusionHub)
36618	[Beta 3] [System] Fixed an issue that could affect InControl agent connection stability. (Fixed in: 8.5.4s083)	All Models

Reference	Description	Device Supported
35366	[Beta 3] [System] Fixed an issue where High Availability failover might not follow the “Resume Master Role Upon Recovery” setting in no-WAN environments.	All Models
36608	[Beta 3] [System] Updated SSH CLI components to address multiple security vulnerabilities.	All Models
36695	[Beta 3] [System] Updated web service components to address CVE-2026-42945.	All Models
36552	[Beta 2] [Cellular] Fixed an issue where Cellular WAN DHCP lease renewal could fail intermittently.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
36542	[Beta 2] [Cellular & LTE / LTEA] Fixed an issue where Cellular WAN might not reconnect after switching to the next manually selected carrier. (Fixed in: 8.5.3s196, 8.5.3s170, 8.5.3s155)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains LTE / LTEA)
36566	[Beta 2] [Starlink] Fixed an issue where Starlink WAN status might disappear after the Data Pool limit was reached.	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX (Except FusionHub)
36391	[Beta 2] [System] Fixed an issue where DHCP relay might not forward requests to all configured DHCP servers.	All Models

Reference	Description	Device Supported
36520	<p>[Beta 2] [System] Fixed an issue where IP passthrough might stop working after enabling Layer 2 SpeedFusion VPN.</p> <p>(Fixed in: 8.5.4s078)</p>	All Models
36564	<p>[Beta 2] [USB] Fixed an issue where USB mobile WAN might not work on USB 3.0 ports.</p>	<p>Balance: 20X, Two, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>SDX, MediaFast, MBX: All</p> <p>BR: BR2 Pro, BR2</p> <p>Orbit: MAX Orbit 4, MAX Orbit 8</p> <p>B One: All</p> <p>PDX</p>
35427	<p>[Beta 1] [#RAMIPS] Fixed a LAN/WAN interface crash that could occur under sustained packet flooding on BR2 LTE devices.</p> <p>(Fixed in: 8.5.3s162)</p>	BR: BR1 Mini, BR2
35496	<p>[Beta 1] Fixed a stability issue on BR2 devices that could cause modem monitoring crashes, freezes, and system hangups.</p> <p>(Fixed in: 8.5.3s196, 8.5.3s170, 8.5.3s155)</p>	BR: BR1 Mini, BR2
36455	<p>[Beta 1] Fixed an issue where cellular firmware upgrades were not supported on selected cellular modules.</p>	BR: BR1 Mini, BR2
35587	<p>[Beta 1] [B580X HW2] Fixed a stability issue that could cause Balance 580X HW2 devices to restart unexpectedly.</p> <p>(Fixed in: 8.5.4s072, 8.5.4s065, 8.5.4s061)</p>	Balance: 580X HW2
36478	<p>[Beta 1] [B580X HW2] Fixed an issue where the interface mapping could be incorrect on Balance 580X HW2.</p>	Balance: 580X HW2
34940	<p>[Beta 1] [BR1 Mini 5G] Fixed an issue where BR1 Mini 5G could fail to retrieve a RemoteSIM after PoE was disabled and re-enabled on the remoteSIM proxy.</p> <p>(Fixed in: 8.5.3s051, 8.5.3s045, 8.5.3s030)</p>	BR: BR1 Mini

Reference	Description	Device Supported
34894	[Beta 1] [Captive Portal] Fixed an issue where the captive portal might not appear and Internet access was unavailable. (Fixed in: 8.5.2s141)	All Models (Except FusionHub)
35417	[Beta 1] [Captive Portal] Fixed captive portal data usage reporting when the same client MAC address appears on multiple VLANs. (Fixed in: 8.5.3s143)	All Models (Except FusionHub)
34634	[Beta 1] [Cellular] Fixed a delay that could postpone cellular reconnection after switching network modes.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
35778	[Beta 1] [Cellular] Fixed a long delay when refreshing WAN Restriction rules in WAN Restriction mode. (Fixed in: 8.5.3s160)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
35477	[Beta 1] [Cellular] Fixed an issue where 5GH cellular could miss cellular mode information and fail to start a data connection. (Fixed in: 8.5.4s031, 8.5.3s134, 8.5.3s083)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
34803	[Beta 1] [Cellular] Fixed an issue where cellular modem commands could fail during eSIM or diagnostic activity and trigger an unnecessary reset. (Fixed in: 8.5.3s068, 8.5.3s062, 8.5.3s048)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX

Reference	Description	Device Supported
34346	[Beta 1] [Cellular] Fixed an issue where Cellular WAN might not reconnect after a data connection failure. (Fixed in: 8.5.3s202, 8.5.2s086, 8.5.2s072)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
35543	[Beta 1] [Cellular] Fixed an issue where some devices could select the wrong SIM when SIM detection hardware was unavailable but SIM information was still readable. (Fixed in: 8.5.3s116)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
34223	[Beta 1] [Cellular] Fixed an issue where the Web UI did not mask the operator connection password when operator selection was set to Auto.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
34982	[Beta 1] [Cellular] Fixed cellular connectivity on the Celona network by using IPv4 data settings when required. (Fixed in: 8.4.1s178)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
36197	[Beta 1] [Cellular] Fixed intermittent SMS sending failures on LTE-E cellular. (Fixed in: 8.5.4s025)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX

Reference	Description	Device Supported
36096	[Beta 1] [Cellular] Fixed missing event logs and improved SIM failover handling when a SIM cannot be read. (Fixed in: 8.5.4s008)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
34771	[Beta 1] [Cellular] Fixed scheduled nearby cell tower scans so they return results even when the SIM PIN is locked and unverified.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
36112	[Beta 1] [Cellular] Fixed the Japan carrier profile for Rakuten Mobile SIMs so the correct carrier name and APN are shown.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX
35592	[Beta 1] [Cellular & 5GD] Fixed a mobile data connection issue on 5GD Cellular using France Orange 20801 by using an IPv4-only connection mode. (Fixed in: 8.5.3s126)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GD)
35068	[Beta 1] [Cellular & 5GK] Fixed 5GK Cellular startup behavior so eSIM activation works reliably on affected firmware. (Fixed in: 8.5.3s094, 8.5.3s027)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GK)

Reference	Description	Device Supported
35658	<p>[Beta 1] [Cellular & 5GK] Resolved disconnects on 5GK Cellular in CBRS private networks by disabling IMS when it is not needed. (Fixed in: 8.5.3s150)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GK)</p>
35071	<p>[Beta 1] [Cellular & 5GK / 5GP] Fixed a modem health-check crash that could occur when FN990 is connected in 5G mode. (Fixed in: 8.5.3s094, 8.5.3s027)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GK/5GP)</p>
34890	<p>[Beta 1] [Cellular & 5GK / 5GP] Fixed cellular signal reporting so SINR is shown only when valid and LTE and 5G NR values are interpreted correctly. (Fixed in: 8.5.3s095)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GK/5GP)</p>
34626	<p>[Beta 1] [Cellular & 5GN] Fixed an issue where 5GN cellular modules could revert to automatic RAT mode after carrier selection.</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains 5GN)</p>

Reference	Description	Device Supported
35221	[Beta 1] [Cellular & LTEA-B / LTEA-Q] Fixed an issue where cellular firmware upgrades were not working on LTEA-B and LTEA-Q cellular modules.	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains LTEA-B / LTEA-Q)
34941	[Beta 1] [Cellular & LTEA-Q] Fixed an issue where LTEA-Q Cellular could fail to switch to the Verizon profile after a network mode change. (Fixed in: 8.5.3s007)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR, BR, Transit: All B One: B One Plus, B One 5G EPX, PDX (Device with Cellular and product code contains LTEA-Q)
35649	[Beta 1] [DNS Proxy] Fixed DNS over HTTPS (DoH) connectivity with Quad9 DNS servers. (Fixed in: 8.5.3s188)	Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX (Except FusionHub)
36265	[Beta 1] [Docker] Fixed an issue where Docker containers could consume excessive CPU resources.	Balance: 310, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, MBX: All BR: BR1 Pro 5G, BR2 Pro Transit, Orbit, B One: All EPX, PDX EPX (with EXM-LCDD)

Reference	Description	Device Supported
35733	<p>[Beta 1] [Docker] Fixed an issue with Docker image pulls when using very long registry passwords. (Fixed in: 8.5.3s158)</p>	<p>Balance: 310, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, MBX: All BR: BR1 Pro 5G, BR2 Pro Transit, Orbit, B One: All EPX, PDX EPX (with EXM-LCDT)</p>
36314	<p>[Beta 1] [DPI] Fixed Amazon Video blocking so it no longer interferes with access to Amazon shopping sites.</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub</p>
34794	<p>[Beta 1] [DPI] Fixed an issue that could affect system stability when processing DNS inspection traffic (Fixed in: 8.5.4s075, 8.5.2s146)</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub</p>
34711	<p>[Beta 1] [DPI] Fixed intermittent cases where Web Blocking failed to block certain websites. (Fixed in: 8.5.3s075)</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX, FusionHub</p>

Reference	Description	Device Supported
34989	<p>[Beta 1] [DPI] Fixed Yandex Alice traffic recognition so it is properly identified and routed.</p> <p>(Fixed in: 8.5.3s073)</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All</p> <p>EPX, PDX, FusionHub</p>
36309	<p>[Beta 1] [Drop-in Mode] Fixed an issue where Drop-in Mode might not detect or reach hosts on the WAN subnet correctly.</p>	<p>All Models</p> <p>(Except HD1 Dome Pro, FusionHub)</p>
35900	<p>[Beta 1] [Edge Computing] Fixed an issue that could prevent the ContentHub file manager from loading files correctly.</p> <p>(Fixed in: 8.5.3s188)</p>	<p>Balance: 310, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>SDX, MediaFast, MBX: All</p> <p>BR: BR1 Pro 5G, BR2 Pro</p> <p>Transit, Orbit, B One: All</p> <p>EPX, PDX</p> <p>PDX, SDX, SDX Pro, EPX (with EXM-LCDT)</p>
36047	<p>[Beta 1] [eSIM] Fixed an issue on 5GD Cellular where BYO eSIM settings could be missing in the web interface when a non-Webbing SIM was in use.</p>	<p>Balance: 20X, 310 Fiber 5G, 310X</p> <p>Dome, MBX, UBR: All</p> <p>BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro</p> <p>Transit: All</p> <p>B One: B One Plus, B One 5G</p> <p>PDX</p>

Reference	Description	Device Supported
34657	<p>[Beta 1] [eSIM] Fixed eSIM device information so it is reported correctly to the carrier service. (Fixed in: 8.5.3s062)</p>	<p>Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX</p>
35458	<p>[Beta 1] [eSIM] Fixed missing monthly and billing history for BYO eSIM and Peplink eSIM usage records. (Fixed in: 8.5.3s100)</p>	<p>Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX</p>
34929	<p>[Beta 1] [eSIM] Fixed SIM failover so devices can switch to Peplink eSIM when cloud access is unavailable. (Fixed in: 8.5.3s034)</p>	<p>Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX</p>

Reference	Description	Device Supported
35691	[Beta 1] [eSIM] Updated the eSIM status message to No Peplink eSIM Data when eSIM data is exhausted.	Balance: 20X, 310 Fiber 5G, 310X Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini Core, BR1 Mini 5G, BR1 Mini M2M, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G PDX
35425	[Beta 1] [GPS] Fixed corrupted GPS RMC output after GPS week rollover handling.	Balance: 20X, 310 5G HW3 SDX, Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit, Orbit: All EPX, PDX MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA
36313	[Beta 1] [GPS] Fixed GPS Forwarding so invalid location samples no longer affect stationary interval handling. (Fixed in: 8.5.4s062)	Balance: 20X, 310 5G HW3 SDX, Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit, Orbit: All EPX, PDX MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA
35747	[Beta 1] [HA] Improved HA configuration synchronization by reducing the update interval to 2 minutes. (Fixed in: 8.5.3s154)	All Models (Except FusionHub)

Reference	Description	Device Supported
33549	[Beta 1] [HA] Resolved an issue where the HA LAN administration IP address was not updated after a LAN IP change.	All Models (Except FusionHub)
35386	[Beta 1] [IPsec] Enabled IPsec VPN profiles to show a certificate summary instead of the saved remote certificate content. (Fixed in: 8.5.3s080)	All Models
36301	[Beta 1] [IPsec] Fixed an issue where IPsec status checks could cause the device to become unresponsive.	All Models
36300	[Beta 1] [MBX Mini] Fixed Wi-Fi status LEDs so they stay off when Wi-Fi WAN and Wi-Fi AP are disabled.	MAX: MBX Mini
33364	[Beta 1] [MediaFast] Fixed a MediaFast issue that could cause the web proxy service to consume memory and restart unexpectedly. (Fixed in: 8.5.1s031)	MediaFast: All
35538	[Beta 1] [MediaFast] Fixed an issue that could cause the MediaFast cache service to restart. (Fixed in: 8.5.3s112)	MediaFast: All
34824	[Beta 1] [Outbound Policy] Fixed outbound policy DNS handling so hostnames with many resolved addresses are recorded correctly.	All Models (Except FusionHub)
35224	[Beta 1] [RemoteSIM] Fixed an issue where a RemoteSIM connection could be dropped after a cellular reconnect. (Fixed in: 8.5.3s051, 8.5.3s045, 8.5.3s030)	Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G, BR1 IP55, BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G EPX, PDX

Reference	Description	Device Supported
35028	<p>[Beta 1] [RemoteSIM] Fixed RemoteSIM control port detection on BR1 Mini 5G after the USB controller is reset. (Fixed in: 8.5.3s051, 8.5.3s045, 8.5.3s030)</p>	<p>Balance: 20X, 310 5G, 310 Fiber 5G, 310X, 380X, 580X SDX, Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G, BR1 IP55, BR1 Pro 5G, BR2 Pro, BR2, BR2 Micro Transit: All B One: B One Plus, B One 5G EPX, PDX</p>
29520	<p>[Beta 1] [SpeedFusion VPN] Added support for preserving updated IP ToS values after SpeedFusion tunnel decapsulation. (Fixed in: 8.5.4s069, 8.5.3s016)</p>	<p>All Models</p>
35218	<p>[Beta 1] [SpeedFusion VPN] Fixed an issue where DNS resolution over SpeedFusion might stop working after WAN connectivity is restored. (Fixed in: 8.5.3s056)</p>	<p>All Models</p>
35284	<p>[Beta 1] [SpeedFusion VPN] Fixed intermittent Domain Lookup Policy failures for SpeedFusion connections. (Fixed in: 8.5.3s056)</p>	<p>All Models</p>
34578	<p>[Beta 1] [SpeedFusion VPN] Fixed SpeedFusion profiles not loading after an HA master reboot when no WAN is available.</p>	<p>All Models</p>
35271	<p>[Beta 1] [Starlink] Fixed an issue where a vWAN configured for Starlink could stop being recognized as Starlink after a reboot or dish update. (Fixed in: 8.5.4s012, 8.5.3s049, 8.5.2s151)</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All EPX, PDX (Except FusionHub)</p>

Reference	Description	Device Supported
36204	<p>[Beta 1] [Starlink] Fixed Starlink detection to avoid falling back to a conflicting local address and prevent prolonged detection outages.</p> <p>(Fixed in: 8.5.4s030)</p>	<p>Balance: 20X, Two, 310, 310 5G HW1-2, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>SDX, MediaFast, Dome, MBX, UBR, BR, Transit, B One: All</p> <p>EPX, PDX</p> <p>(Except FusionHub)</p>
33920	<p>[Beta 1] [Switch Controller] Fixed an issue where changing a switch port's PVID might not apply properly.</p>	<p>Balance, SDX, MediaFast, Dome, MBX, UBR: All</p> <p>BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro</p> <p>Transit, Orbit, B One: All</p> <p>EPX, PDX</p>
36242	<p>[Beta 1] [Switch Controller] Fixed an issue where switch port settings could revert to default after the controller rebooted.</p>	<p>Balance, SDX, MediaFast, Dome, MBX, UBR: All</p> <p>BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro</p> <p>Transit, Orbit, B One: All</p> <p>EPX, PDX</p>
35152	<p>[Beta 1] [Synergy Mode] Fixed an issue where BYO eSIM details were not shown for synergized devices in Synergy Controller.</p> <p>(Fixed in: 8.5.3s043)</p>	<p>Synergized Device:</p> <p>Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All</p> <p>PDX</p> <p>Synergy Controller:</p> <p>All Models</p> <p>(Except FusionHub)</p>

Reference	Description	Device Supported
36166	[Beta 1] [Synergy Mode] Fixed an issue where Synergized device traffic could be dropped by Weighted Balance outbound policies when all selected WANs were unavailable.	Synergized Device: Balance: Two, 310, 310 5G, 310 Fiber 5G, 310X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC MediaFast, Dome, MBX, UBR, BR, Transit, Orbit, B One: All PDX Synergy Controller: All Models (Except FusionHub)
32281	[Beta 1] [System] Fixed a QoS issue that could affect system stability (Fixed in: 8.4.1s116, 8.4.1s088)	All Models
32158	[Beta 1] [System] Fixed a stability issue that could occur during certain packet processing conditions.	All Models
34502	[Beta 1] [System] Fixed a WebUI freeze that could occur when changing WAN bandwidth settings. (Fixed in: 8.5.2s139)	All Models
34167	[Beta 1] [System] Fixed an issue that could cause DNS queries to fail with a port unreachable response during boot.	All Models
36476	[Beta 1] [System] Fixed an issue where a firmware upgrade could generate an incorrect "Powered Off" event log.	All Models
34741	[Beta 1] [System] Fixed an issue where CLI ping and arping command output could show incorrect interface names.	All Models
35038	[Beta 1] [System] Fixed client status reporting so offline LAN devices are no longer shown as online. (Fixed in: 8.5.3s172)	All Models

Reference	Description	Device Supported
35199	<p>[Beta 1] [System] Fixed multicast relay so forwarded frames use the outgoing interface's MAC address as the source.</p> <p>(Fixed in: 8.5.3s101)</p>	<p>All Models</p>
35032	<p>[Beta 1] [USB WAN] Fixed an issue where USB WAN port assignment and DNS settings could revert after reboot.</p> <p>(Fixed in: 8.5.3s094, 8.5.3s052, 8.5.3s042)</p>	<p>Balance: 20X, Two, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 305, 380, 580, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC</p> <p>SDX, MediaFast, MBX: All</p> <p>BR: BR2 Pro, BR2</p> <p>Orbit: MAX Orbit 4, MAX Orbit 8</p> <p>B One: All</p> <p>PDX</p>
36088	<p>[Beta 1] [Virtual WAN on VLAN] Fixed an issue where some PrimeCare router models did not include one Virtual WAN on VLAN.</p> <p>(Fixed in: 8.5.4s010)</p>	<p>All Models</p> <p>(Except BR1 IP55)</p> <p>All eligible models with an active Care plan</p>
35429	<p>[Beta 1] [Wi-Fi AP] Enabled WPA2/WPA3 Personal as the default SSID security mode on supported Wi-Fi AP devices.</p>	<p>Balance: 20X, 310 Fiber 5G, 310 5G HW3</p> <p>Dome, MBX, UBR: All</p> <p>BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2</p> <p>Transit, Orbit, B One: All</p> <p>PDX</p>

Resolved Issues cont. 23/23

Reference	Description	Device Supported
35788	[Beta 1] [Wi-Fi AP] Fixed an issue where 32-character SSIDs were not shown correctly in SSID usage reporting.	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX
36036	[Beta 1] [Wi-Fi AP] Fixed an issue where radios could fail to start correctly when auto channel width was used on certain channels. (Fixed in: 8.5.4s063)	Balance: 20X, 310 Fiber 5G, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit, Orbit, B One: All PDX
36319	[Beta 1] [Wi-Fi WAN] Fixed Wi-Fi WAN latency information so it displays correctly when the connection is available.	Balance: 20X, 310 5G HW3 Dome, MBX, UBR: All BR: BR1 Mini, BR1 Mini 5G (Wi-Fi), BR1 Mini M2M, BR1 IP55, BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro, BR2 Transit: All Orbit: MAX Orbit 2, MAX Orbit 4 B One: All PDX

Known Issues

Reference	Description	Device Supported
36843	Air Monitor does not work on selected Wi-Fi AP devices.	Balance: 310, 580X HW2, 310 5G HW3 BR: BR1 Pro (CAT-20), BR1 Pro 5G, BR2 Pro Dome, Transit, Orbit, B One: All
30858	[Docker] Docker container cannot be run on a device that doesn't have an active DHCP server running	Balance: 310, 310 5G, 310 Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 1350 EC, 2500 EC, 5000 EC SDX, MediaFast, MBX: All BR: BR1 Pro 5G, BR2 Pro Transit, Orbit, B One: All EPX, PDX EPX (with EXM-LCDT)
32620	[System] LAN clients in ports 1 or 2 may fail to obtain an IP with Multiple IP passthrough WAN support	All Models
29679	[System] YouTube blocking may not work if YouTube traffic is using QUIC	All Models

Appendix

- For FusionSIM and RemoteSIM users, it is suggested to upgrade the SIM Injector to [Firmware 1.2.6 \(Release Notes\)](#)
- InControl must be enabled on PrimeCare devices to update software features such as SpeedFusion (Bonding, Smoothing, Hot Failover).
- Starting with Firmware 8.6.0, the following models are no longer supported. They will continue to receive Firmware 8.5.x maintenance releases as needed.

Series	Models
Balance	30 LTE HW / 30 Pro HW1 / 210 HW4-5 / 310 HW4 / One HW1-3 / One Core HW1
MAX	700 HW3-4 / BR1 ENT HW1-2 / HD1 Dome HW1 / HD2 HW5-6 / HD2 Dome HW1 / HD2 IP67 HW2-5 / HD2 Mini HW1-4 / HD2 with MediaFast HW1-4 / HD4 HW1-5 / HD4 IP67 HW1 / HD4 with MediaFast HW1-4 / Transit HW1-3 / Transit 5G HW2-3 / Transit Core HW1 / Transit Duo HW1-3 / Transit Duo Pro E HW1 / Transit Pro E HW1
MediaFast	200 HW1 / HW3
SpeedFusion Engine	SFE CAM HW1

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/>