



BR Pro Family

The New Benchmark for **Professional Connectivity**

TAA
COMPLIANT

X65

X65 5G Modem



5G SA &
Network Slicing



PoE+ Input



Docker Support



Flexible SIM
Options

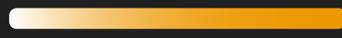


SpeedFusion



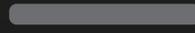
Higher Peak Theoretical Performance (On sub-6 GHz 5G)

X65 5G Modem



4.1 Gbps

X62 Modem



3.4 Gbps

Advanced 5G Performance

Powered by the **X65 5G modem**, both routers support **standalone (SA) and non-standalone (NSA) 5G modes** with enhanced carrier aggregation capabilities, delivering **increased throughput** and faster speeds across public and **private 5G networks**.

SA Mode



NSA Mode



LTE Fallback



Private 5G Networks



Network Slicing



Streamlined, Flexible Deployment with PoE Power Input

Power over Ethernet (PoE) input simplifies installation and cabling, allowing the BR1 to be placed in locations with better signal reception, without needing a nearby power outlet.

802.3at
PoE+ Input



8GB
Internal Storage



Smarter Operations with Edge Computing

Run custom applications directly on the device with **built-in Docker support** and **onboard storage**, enabling agile performance, seamless integration, and streamlined deployment and management.

Government-Ready: TAA Compliant

Meet federal and government requirements with **full TAA compliance** for secure and regulated deployments.



Priority for Public Safety

Ideal for public safety environments, both routers carry **AT&T FirstNet** and **T-Mobile T-Priority** certifications and are **Verizon Frontline** verified, ensuring prioritized and reliable connectivity during mission-critical operations.

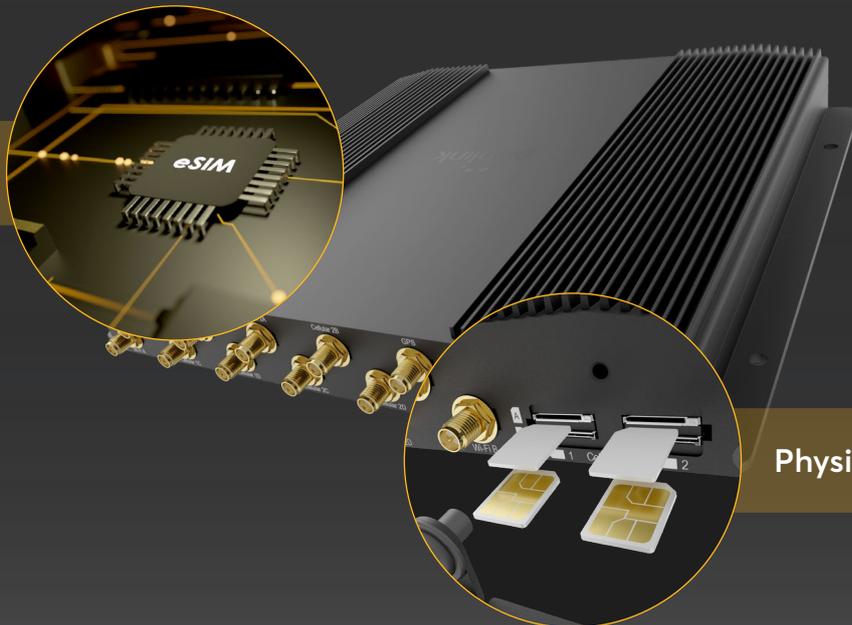
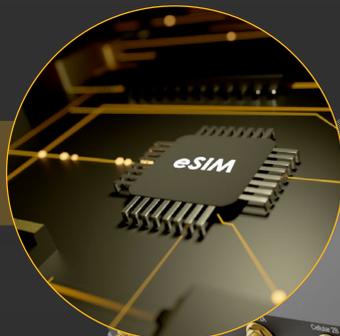


Flexible SIM Choices for Any Situation

Use **eSIM** for greater efficiency and instant connectivity, with the option to use **physical SIMs** when needed.



eSIMs

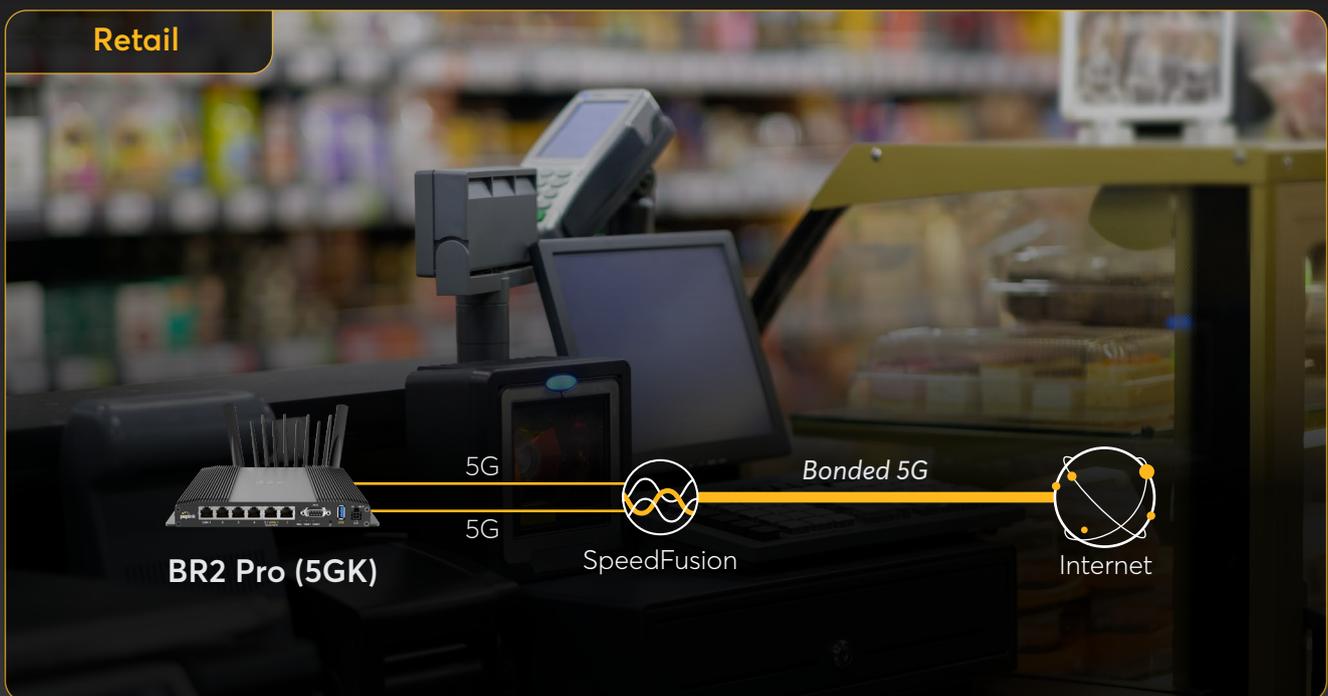
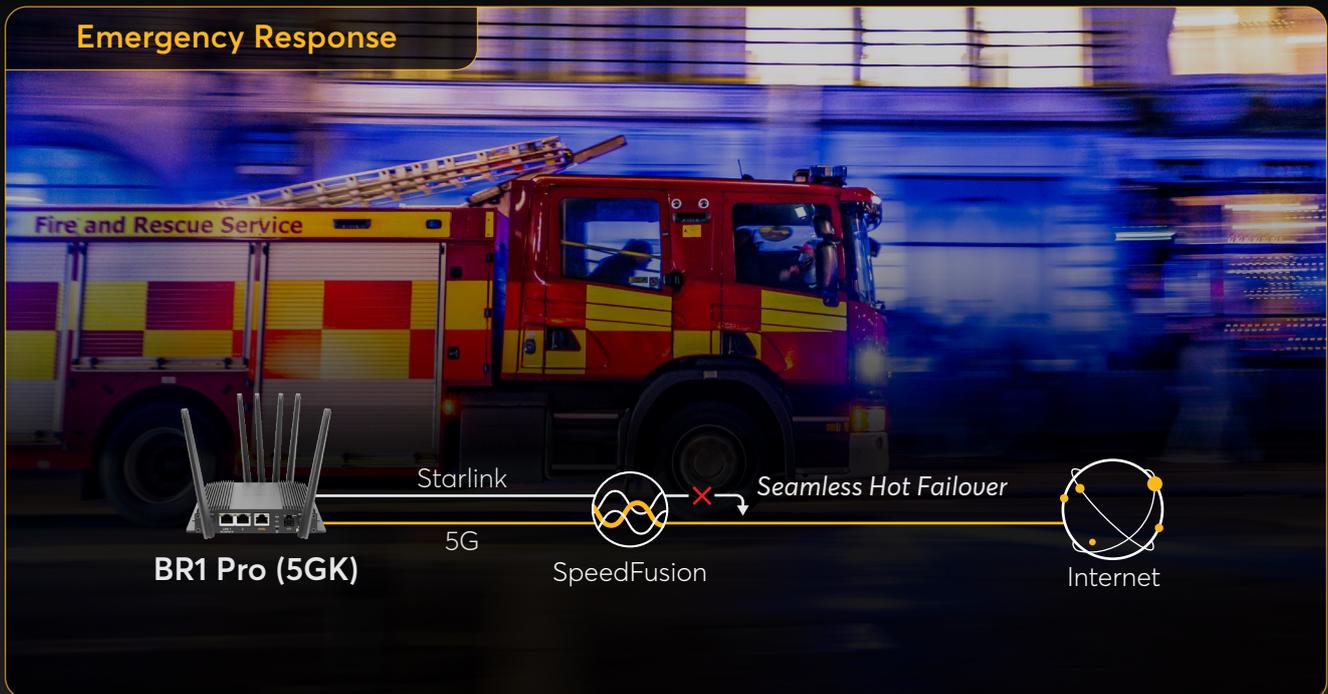


Physical SIMs

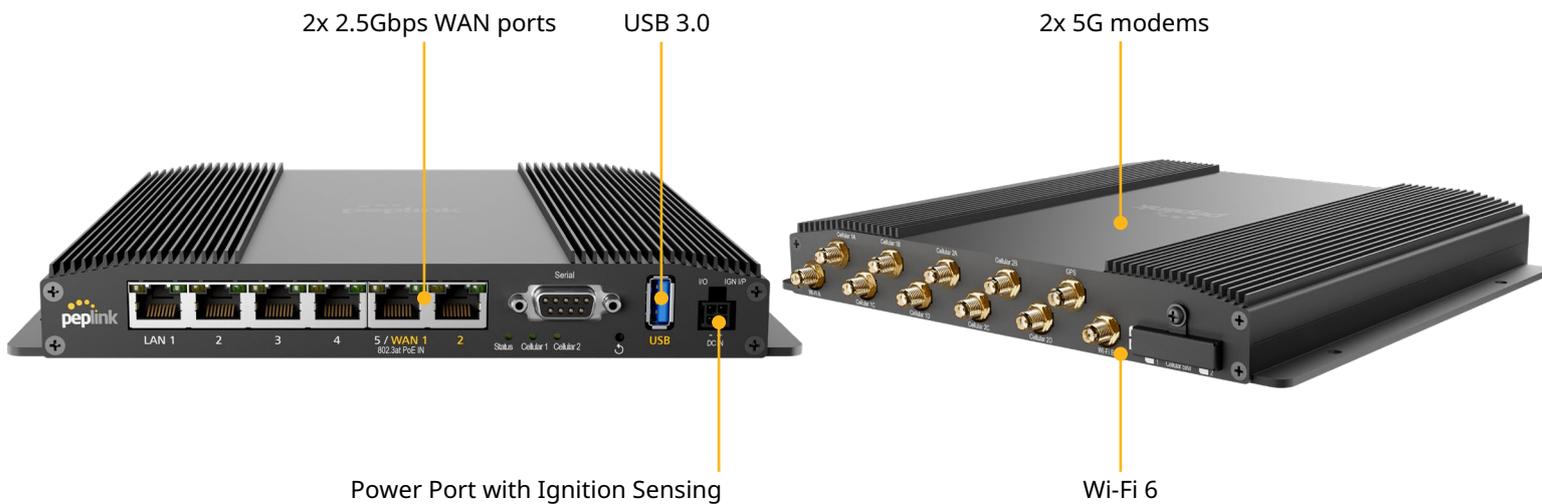


Seamless Failover for Starlink, Fiber, and FWA

Seamlessly integrate 5G with **Starlink**, **fiber**, and **fixed wireless access (FWA)** through **SpeedFusion** to deliver uninterrupted connectivity. Stay reliably online, always.



BR2 Pro (5GK)



Specifications

WAN Interface	2x 10/100/1000/2500M Ethernet ¹ 2x 5G Modems with Redundant SIM Slots 1x USB 3.0 Interface	Antenna Connectors	8x SMA Cellular Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
LAN Interface	4x 10/100/1000M Ethernet	Power Input	AC Adapter: AC Input 100V – 240V / DC Output 12V Power Port: 10V – 30V DC Passive PoE 48-56V Power over Ethernet 802.3at ⁵
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6, 2X2 MU-MIMO Wi-Fi WAN and/or AP	Power Consumption	12W (nominal), 30W (max.)
SpeedFusion features	Hot Failover, Smoothing, Bandwidth Bonding	Dimension	8.58 x 7.68 x 1.61 inches / 218 x 195 x 29.5 mm
Number of SpeedFusion VPN Peers	2 / 5 / 10 / 20 ²	Weight	2.42 pounds / 1.1 kg
Router Throughput	1 Gbps	Operating Temperature	-40°– 149°F / -40°– 65°C
SpeedFusion VPN Throughput - No Encryption - 256-bit AES	400 Mbps 200 Mbps	Humidity	15% – 95% (non-condensing)
Recommended Users	1-150	Certifications	FCC, CE, RoHS E-Mark (Motor Vehicle) EN 61373 Shock and Vibration Resistance EN 50155 Railway Applications EN 61000 Electromagnetic Compatibility MIL-STD-810H Method 514.8
AP Controller	Standard	Package Content	1x BR2 Pro 8x LTE/5G Antennas (ACW-235) 2x Dual Band Wi-Fi Antennas (ACW-341) 1x GPS Antenna (ACW-232) 1x 12V3A 4-Pin Power Supply (ACW-663)
Maximum Number of AP Supported	30 / 50 ³	SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles per modem) ⁶ RemoteSIM from SIM Injector ⁷ FusionSIM ⁷
Cellular Data Rate⁴ (Downlink/Uplink)	5G: 4.1Gbps / 900Mbps CAT-20: 2Gbps / 211Mbps	Warranty	1-Year Limited Warranty
Edge Computing	Docker (8GB Internal Storage)		

¹ The WAN port can act as a LAN port if needed.

² 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription. 10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).

³ Theoretical maximum data rates.

⁴ Available as a licence add-on (AP-LC-50).

⁵ 802.3at PoE port provide a power supply of 25W. If you require 30W of power budget (eg. using dual cellular WAN and USB WAN together), please empower the MAX BR2 Pro via the bundled power adapter (12V3A PSU, ACW-663), or the optional Passive PoE Injector Kit (ACW-111 + ACW-622).

⁶ Available with Firmware 8.4.0 or above.

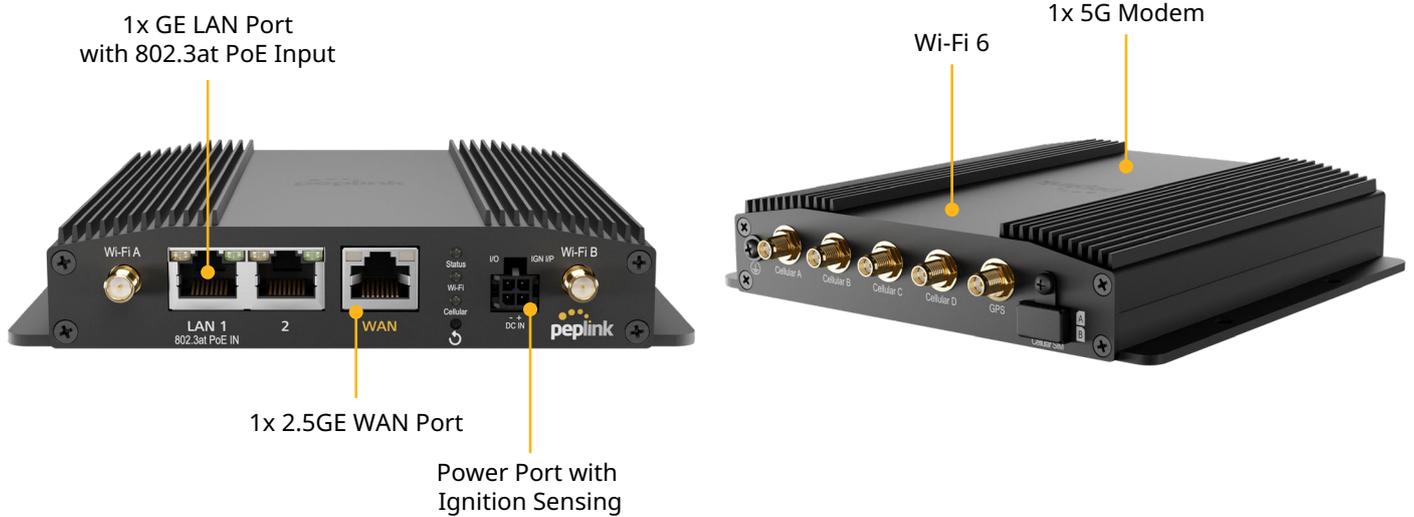
⁷ RemoteSIM and FusionSIM compatible with hardware version 2 or above.

Ordering Information

Product Code	Regions	5G Bands	LTE Bands
MAX-BR2-PRO-5GK-T-PRM Embedded Modem(s): 2x 5G	Global *US Carrier Certifications: AT&T, T-Mobile, Verizon (C-Band), FirstNet	5G (NSA & SA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n75, n76, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71

Featured Add-on

Product Code	Description
PRM-E-1Y / PCP-E-1Y	PrimeCare E / PrimeCare+ E (1-Year)
PRM-E-2Y / PCP-E-2Y	PrimeCare E / PrimeCare+ E (2-Year)
PRM-E-4Y / PCP-E-4Y	PrimeCare E / PrimeCare+ E (4-Year)
ACW-634	10ft / 3m DC Power Cable
ACW-643	Vehicle Cigarette to Molex Power Cable
ACW-791	Peplink 4-Pin Micro-Fit to USB-C Power Cable
ACW-111	PoE Adapter
ACW-622	PoE+ Activation Kit
ANT-MB-42G-S-W-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (White)
ANT-MB-42G-S-B-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (Black)
ANT-MB-82G-S-W-6	Mobility 82G - 8x8 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (White)
MAX-BR1-ADV	IPsec X.509 Certificate License Key



Specifications

WAN Interface	1x 10/100/1000/2500M Ethernet ¹ 1x Embedded Cellular Modem with Redundant SIM Slots	Antenna Connectors	4x SMA Cellular Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector
LAN Interface	2x 10/100/1000M Ethernet ¹	Power Input	AC Adapter: AC Input 100V-240V / DC Output 12V Power Port: 10V – 30V DC Power over Ethernet 802.3at
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6 2x2 MU-MIMO Wi-Fi WAN and/or AP	Power Consumption	8W (nominal), 19W (max.)
SpeedFusion Features	Hot Failover, Smoothing, Bandwidth Bonding	Dimensions	5.78 x 5.68 x 1.15 inches / 146.8 x 144.3 x 29.3 mm
Number of SpeedFusion VPN Peers	2 / 5 / 10 / 20 ²	Weight	1.59 pounds / 720 grams
Router Throughput	1Gbps	Operating Temperature	-40° – 149°F / -40° – 65°C
SpeedFusion Throughput (No Encryption)	400 Mbps	Humidity	15% – 95% (non-condensing)
SpeedFusion Throughput (256-bit AES)	200 Mbps	Certifications	FCC, CE, RoHS, E-Mark EN61373 Shock and Vibration Resistance EN50155 Railway Applications Electronic Equipment used on Rolling Stock EN61000 Electromagnetic Compatibility EN45545-2 Railway applications - Fire protection MIL-STD-810H Method 514.8
Recommended Users	1-150	Package Content	1x BR1 Pro 5G 4x LTE/5G Antennas 2x Dual Band Wi-Fi Antennas 1x GPS Active Antenna 1x 12V 2A 4 Pin Power Supply (ACW-632)
AP Controller	Standard	SIM Options	Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles) RemoteSIM from SIM Injector FusionSIM
Maximum Number of Controlled AP / Switch	30 / 50 ³	Warranty	1-Year Limited Warranty
Cellular Data Rate ⁴ (Downlink / Uplink)	5G: 4.1Gbps / 900Mbps CAT-20: 2Gbps / 211Mbps		
Edge Computing	Docker (8GB Internal Storage)		

¹ Ethernet ports include surge and ESD protection circuits to protect against over-voltage transients.

² 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription. 10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).

³ Available as a licence add-on (AP-LC-50).

⁴ Maximum theoretical data rates.

Specifications are subject to change without notice.

Ordering Information

Product Code	Regions	5G Bands	LTE Bands
MAX-BR1-PRO-5GK-T-PRM Embedded Modem(s): 1x 5G	Global *US Carrier Certifications: AT&T, T-Mobile, Verizon (C-Band), FirstNet	5G (NSA & SA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n75, n76, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71

Featured Add-ons

Product Code	Description
PRM-C-1Y / PCP-C-1Y	PrimeCare C / PrimeCare+ C (1-Year)
PRM-C-2Y / PCP-C-2Y	PrimeCare C / PrimeCare+ C (2-Year)
PRM-C-4Y / PCP-C-4Y	PrimeCare C / PrimeCare+ C (4-Year)
ACW-634	10ft / 3m DC Power Cable
ACW-643	Vehicle Cigarette to Molex Power Cable
ACW-791	Peplink 4-Pin Micro-Fit to USB-C Power Cable
ANT-MB-42G-S-B-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (Black)
ANT-MB-42G-S-W-6	Mobility 42G - 4x4 MIMO 5G Ready Cellular and Wi-Fi Antenna System with GPS (White)
ANT-MAX-S	Antenna MAX S - IP-rated integrated antenna enclosure for hybrid cellular and Starlink Mini connectivity
MAX-BR1-ADV	IPsec X.509 Certificate License Key

Deep Dive

Software	Peplink MAX Firmware	Global Positioning System	Integrated GPS Device Location Map Location Tracking Data with InControl 2 Fleet Management with InControl 2
WAN	Support for PPPoE, Static IP, DHCP WAN Link Health Check Bandwidth Allowance Monitor Support for Dynamic DNS services WAN Port Convertible into LAN Port	Networking	NAT and IP Forwarding Static Routes Port Forwarding Many to One, One to One NAT NAT Pool SIP ALG, H.323 ALG UPnP, NAT-PMP
LAN	DHCP Server for LAN Clients Extended DHCP Option DHCP Reservation DNS Proxy for LAN Clients VLAN on LAN Support	AP Controller	Support for Pepwave AP Series Auto AP Discovery Auto AP Firmware Management AP Profile Configuration Wi-Fi Usage Statistics
Security	Stateful Firewall DoS Prevention Web Blocking	Captive Portal Support	Support for Wired and Wireless LAN clients Support RADIUS Authentication Time and Usage Quotas on Open Access Mode Built-in Customizable Splash Page
Complete VPN Solution	SpeedFusion VPN/SpeedFusion <ul style="list-style-type: none"> Hot Failover Site-to-Site VPN 256-bit AES Encryption Pre-shared Key Authentication Dynamic Routing X.509 Certificate Support * IPsec VPN (Network-to-Network) ^	Device Management	Web Administrative Interface Command Line Interface InControl Cloud Management Email Notification Active Client & Session Lists Bandwidth Usage Statistics Syslog Service SNMP v1, v2c and v3
Advanced QoS	Individual Bandwidth Limit Application Prioritization <ul style="list-style-type: none"> SIP, HTTPS, VPN QoS Custom Application QoS 		
Edge Computing	Support for Applications and Docker		

* Feature is available as an upgrade (MAX-BR1-ADV).

^ IPsec VPN supports connection with Cisco, Juniper, Peplink, or Pepwave devices.