Target Users:
- Branch office, Broadcasting, Healthcare, Manufacturing, Teleoperation

Problem:
- 5G coverage
- Broadcasting requires low latency and high upstream bandwidth
- Manufacturing needs continuous upstream

Solution:
- *Bandwidth Bonding* – Aggregating multiple WAN connections creates a bigger internet pipe
- *WAN Smoothing* – Multi packet streaming allows for a crystal-clear video and voice connection
- *Hot Failover* – Dual packets over multi WAN connections allows for no disruptions if a WAN connection goes down
- *Traffic Steering* – Divert connection based on the application to minimise traffic and data wastage

Benefits:
- SpeedFusion Technology
  - Maximize the potential of 5G connectivity
- Lower latency, higher traffic capacity
- Multi-radio for network resilient

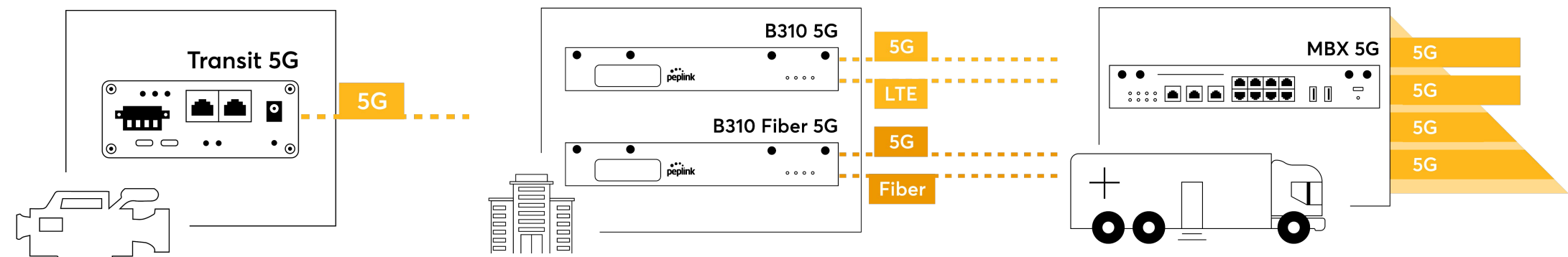**Resources:**
5G solution webpage
5G product line video
Teleoperation video
MAX Transit 5G datasheet
Balance 310 5G datasheet, video
MBX 5G datasheet

Peplink 5G Solution

Aim to connect people, businesses, and objects around the world, driving innovation to a whole new level

Transit 5G with 1x 5G modems
Applications: Live Video, Rapid deployment, Small user counts
Use Case: Broadcasting, Manufacturing
MSRP: $999

B310 5G with 1x5G & 1xCAT 12 modems **or B310 Fiber 5G** with 1x5G
Applications: VoIP, Enterprise Internet usage, Medium user counts
Use Case: Branch office
MSRP: $1,999

MBX 5G with 2x or 4x 5G modems
Applications: Live Video, Medical Telemetry, VoIP, Large User Counts
Use Case: Healthcare, Teleoperation
MSRP: $9,999 / 11,999

How it works:
- Embedded 5G modem can deliver **faster download/upload speeds**, real-time responses, and enhanced connectivity.
- Redundant cellular connection and **Hot Failover** ensures persistent connections are protected from sudden interruptions and breaks.
- **Traffic Steering** helps you divert connection based on the application to minimise traffic and data wastage.
- SpeedFusion **Bandwidth Bonding** allows you to multiply connections to allow for one super fast pipe, which protects and enhances your internet traffic.

Where to buy:
Contact **Peplink Certified Partners**

www.peplink.com

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Model	Transit 5G	HD2 MBX 5G	HD4 MBX 5G
	5G	**2x 5G**	**4x 5G**
WAN Interface	**1x** Embedded Cellular Modem with Redundant SIM Slots **1x** 10/100/1000M Ethernet+	**2x** Embedded Cellular Modems with Redundant SIM Slots **3x** 10/100/1000M Ethernet* 2x USB 2.0 Interface	**4x** Embedded Cellular Modems with Redundant SIM Slots **3x** 10/100/1000M Ethernet* 2x USB 2.0 Interface
LAN Interface	**1x** 10/100/1000M Ethernet	**9x** 10/100/1000M Ethernet*	**9x** 10/100/1000M Ethernet*
Wi-Fi Interface	802.11ac/a/b/g/n 2x2 MIMO Simultaneous Dual-Band	802.11ac/a/b/g/n, 2x2MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band	802.11ac/a/b/g/n, 2x2MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band
Router Throughput	**400 Mbps**	**2.5 Gbps**	**2.5 Gbps**
SpeedFusion throughput (No Encryption)	**100 Mbps**	**600 Mbps**	**600 Mbps**
SpeedFusion throughput (256-bit AES)	**60 Mbps**	**500 Mbps**	**500 Mbps**
SpeedFusion Features	Hot Failover, WAN Smoothing^, Bandwidthing Bonding^	Hot Failover, WAN Smoothing, Bandwidthing Bonding	Hot Failover, WAN Smoothing, Bandwidthing Bonding
Number of PepVPN SpeedFusion Peers	5^	2/20%	2/20%
Cellular Data Rate@ (Downlink / Uplink)	5G: 4 Gbps / 700 Mbps CAT-20: 2 Gbps / 150 Mbps	5G: 4 Gbps / 700 Mbps CAT-20: 2 Gbps / 150 Mbps	5G: 4 Gbps / 700 Mbps CAT-20: 2 Gbps / 150 Mbps
Recommended Users	150	50-500	50-500
Antenna Connectors	4x SMA Cellular Antenna Connectors 1x SMA GPS Antenna Connectors 2x RP-SMA Wi-Fi Antenna Connectors	8x SMA Cellular Antenna Connectors 1x SMA GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors	16x **QMA** Antenna Connectors 1x **QMA** GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors **Cellular antennas not included.** To enhance the MBX, Puma antennas are recommended.
Power Input	DC Power Port / Terminal Block/ Micro-USB B	DC Jack / Terminal Block	DC Jack / Terminal Block
Power Output	-	Up to Eight 802.3at PoE Outputs#	Up to Eight 802.3at PoE Outputs#
Power Consumption	7W (nominal), 18W (max.)	55 W (max.)	55 W (max.)
Dimensions	6.3 x 3.8 x 1.3 inches / 160 x 97 x 33.5 mm	1.7 x 11.5 x 7.0 inches / 43 x 292 x 177 mm	1.7 x 11.5 x 7.0 inches / 43 x 292 x 177 mm
Weight	1.3 pounds / 590 grams	7.28 pounds / 3.3 kg	7.28 pounds / 3.3 kg
MSRP	**$999**	**$9,999**	**$11,999**

+ The WAN port can act as a LAN port if needed. *WAN 3 is configured as a LAN port by default, configuration is changeable on the Web Admin. @ Theoretical maximum data rates.
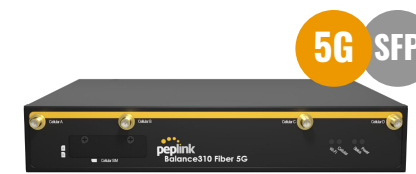^ Requires PrimeCare Subscription, complementary for the first year. % With purchase of optional SpeedFusion License (MAX-HD-020-SPF) can connect to up to 20 SpeedFusion peers.
#2x 54V DC input is needed for all 8x LAN ports to have 802.3at PoE. Plugging in 1x 54V DC input will result in 4x LAN ports having 802.3at PoE
Available globally. Regional and carrier certification is subject to local approval.   Pricing applies to US region only, other regions may vary.

Peplink 5G Solution

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Model	Balance 310 5G	Balance 310 Fiber 5G
WAN Interface	**2x** Embedded Cellular Modems with Redundant SIM Slots **1x** 10/100/1000M Ethernet 1x USB Interface	**1x** Embedded Cellular Modems with Redundant SIM Slots **1x** SFP$^+$ **1x** 10/100/1000M Ethernet 1x USB Interface
LAN Interface	**5x** 10/100/1000M Ethernet 2x SFP	**5x** 10/100/1000M Ethernet 1x SFP
Wi-Fi Interface	-	-
Router Throughput	**1 Gbps**	**1 Gbps**
SpeedFusion throughput (No Encryption)	**600 Mbps**	**600 Mbps**
SpeedFusion throughput (256-bit AES)	**500 Mbps**	**500 Mbps**
SpeedFusion Features	Hot Failover, WAN Smoothing, Bandwidthing Bonding	Hot Failover, WAN Smoothing, Bandwidthing Bonding
Number of PepVPN SpeedFusion Peers	2/30^	2/30^
Cellular Data Rate@ (Downlink / Uplink)	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps	5G: 4 Gbps / 700 Mbps LTE CAT-20: 2 Gbps / 150 Mbps
Cellular 2 Data Rate@ (Downlink / Uplink)	LTE CAT-12: 600 Mbps / 150 Mbps	-
Recommended Users	50-500	50-500
Antenna Connectors	6x SMA Cellular Antenna Connectors	4x SMA Cellular Antenna Connectors 4x RP-SMA Wi-Fi Antenna Connectors
Power Input	DC Connector	DC Connector
Power Output	-	-
Power Consumption	30 W (max.)	30 W (max.)
Dimensions	9.9 x 7.1 x 2.0 inches / 252 x 180 x 50 mm	9.9 x 7.1 x 2.0 inches / 252 x 180 x 50 mm
Weight	3.6 pounds / 1.65 kg	3.6 pounds / 1.65 kg
MSRP	**$1,999**	**$1,999**

+ The WAN port can act as a LAN port if needed. @ Theoretical maximum data rates. ^ Requires PrimeCare Subscription, complementary for the first year.