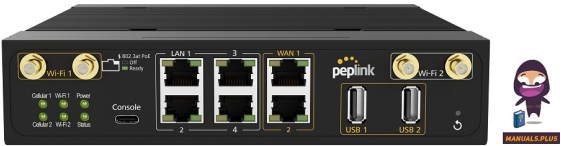




MAX MBX MINI 5G Designed to Maximize your Output



AntennaGear MAX MBX MINI 5G Designed to Maximize your Output User Guide

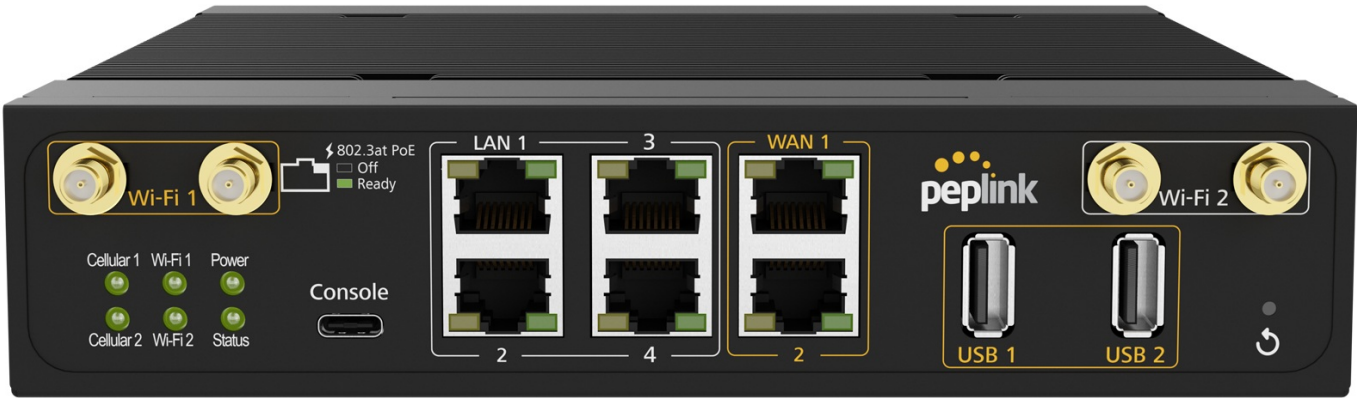
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AntennaGear MAX MBX MINI 5G Designed to Maximize your Output



Product Information

Specifications

- **Model:** PepLink MAX MBX Mini
- **Antenna Ports:** QMA / RP SMA Connector Ends
- **GPS Port:** QMA
- **Cellular Ports:** 8 x QMA
- **WIFI Ports:** 4 x RP SMA

FAQs

- **Q: How do I reset the device to factory settings?**
 - **A:** Locate the reset button on the device, press and hold it for 10 seconds until the device restarts.
- **Q: Can I use third-party antennas with PepLink MAX MBX Mini?**
 - **A:** It is recommended to use antennas compatible with QMA and RP SMA connectors for optimal performance.
- **Q: How many devices can connect to the WIFI network simultaneously?**
 - **A:** The number of devices that can connect depends on network configuration and bandwidth usage.

PRODUCT INFORMATION

Small is the new mighty.

- Bring your deployments to life with the versatility of the MBX Mini.
- It's just as brilliant as any other MBX device we have to offer. So connect your devices to the PoE-enabled LAN ports to provide network simplicity as well as IEEE 802.1X port authentication. This MBX Mini has the power to achieve it all.



One. Two. Three. Four.

- We know fast connections are critical to achieving great things. Its dual-band Wi-Fi and 5G capabilities ensure you experience the fastest available network. If the dual embedded cellular WANs are not enough, the MBX Mini can be expanded to FOUR cellular WANs by simply connecting it to our MAX Adapters via the dual USB ports.

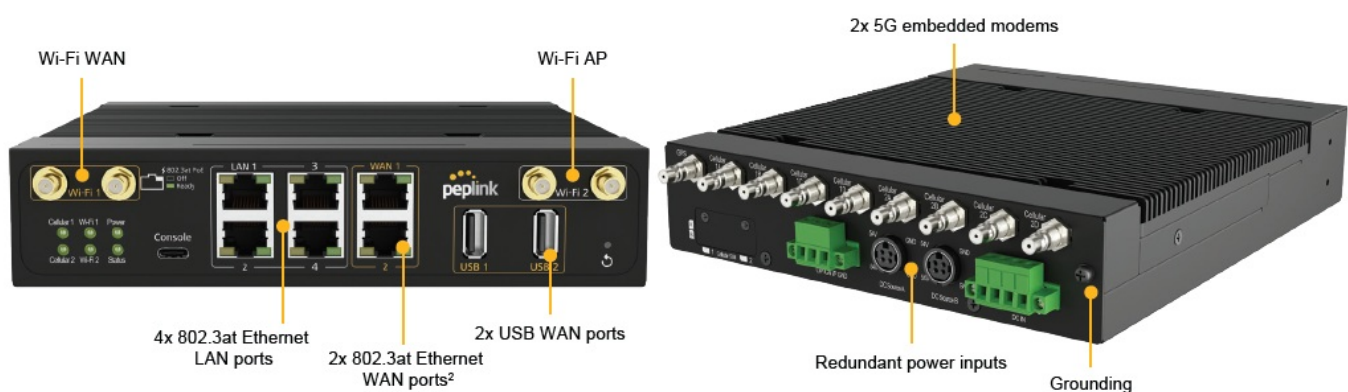


Making hard to manage feel like hardly managing.

- With this FusionSIM-ready router, you can say goodbye to switching and managing multiple SIMs via the router. FusionSIM offers remote provisioning of SIM profiles from anywhere in the world. Managing made easy, ready when you are!



MBX Mini



Specifications

- **WAN Interface**
 - 2x Embedded Cellular Modems with
 - Redundant SIM Slots
 - 2x GE
 - 2x USB 2.0 Interface
- **LAN Interface**
 - 4x GE

- **Wi-Fi Interface**
 - 802.11ac/a/b/g/n, 1166 Mbps 2x2MIMO
 - Wi-Fi WAN and/or AP
 - Simultaneous Dual-Band
- **Router Throughput**
 - 2.5 Gbps
- **SpeedFusion VPN Throughput**
 - No Encryption 600 Mbps
 - 256-bit AES 500 Mbps
- **5G Cellular Data Rate (Downlink/Uplink)**
 - 5G: 3.4 Gbps / 900 Mbps
 - LTE CAT-20: 1.6 Gbps / 200 Mbps
- **SpeedFusion features**
 - Hot Failover, Smoothing,
 - Bandwidth Bonding, Bandwidth Overflow
- **Number of SpeedFusion VPN Peers**
 - 3/201
- **Recommended Users**
 - 50-500
- **Antenna Connectors**
 - 8x QMA Cellular Antenna Connectors
 - 1x QMA GPS Antenna Connector
 - 4x RP-SMA Wi-Fi Antenna Connectors
- **Power Input**
 - **AC Adapter:** AC Input 100V-240V / DC
 - **Output** 12V
 - **DC Jack / Terminal Block:** 12-56 V
- **Power Output**
 - Up to 6x 802.3at PoE2
- **Power Consumption**
 - 45 W (max.)
- **Dimension**
 - 7.32 x 8.05 x 1.61 inches
 - 186 x 204.5 x 41 mm
- **Weight**
 - 4.19 pounds / 1.9 kg
- **Operating Temperature**
 - -40°– 149°F / -40°– 65°C
- **Humidity**
 - 15% – 95% (non-condensing)
- **Certifications**
 - FCC, CE, RoHS, E-Mark, PTCRB
 - Shock and Vibration Resistance: EN

- 61373:1999 IEC 61373:1999
- Railway Applications: EN 50155
- Electromagnetic Compatibility: EN 61000

• Package Content3

- MBX Mini, PSU 180W (ACW-630),
- 4x Dual-Band Wi-Fi Antennas (ACW-341)
- 1x QMA to SMA Adapter (for GPS),
- 1x GPS Antenna (ACW-232), Power cord,
- 1 Pair of Ear L-Mounts kit (ACW-756),
- Screw set of Ear L-Mounts kit,
- 3pin Terminal Block Connector (Ignition Sense),
- 4pin Terminal Block Connector (Power Supply),
- Rubber Foot Pad set

• Warranty

- 1-Year Limited Warranty

1 Requires a license to increase the maximum number of SpeedFusion VPN Peers. Several options are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, PVN-LC-20). 2 2x 54V DC input is needed for all 6x LAN/WAN ports to provide 802.3at PoE. Plugging in 1x 54V DC input will result in 4x LAN ports providing 802.3at PoE. PoE output on WAN ports will be supported with Firmware 8.4.0 or above. 4 Cellular antennas not included. To enhance the MBX Mini, Mobility and Maritime antennas are recommended.

Ordering information

Product Code	Embedded Modem(s)	Regions	5G Bands	LTE Bands
MAX-MBX-MINI-5GD-T	2x 5G	Global	5G (NSA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n41, n66, n71, 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, B46, B48, B66, B71
MAX-MBX-MINI-5GH-T	2x 5G	Global*	5G (NSA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n38, n40, n41, n66, n71, 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, B46, B48, B66, B71
MAX-MBX-MINI-5GN-T	2x 5G	Global	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, n70, 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,

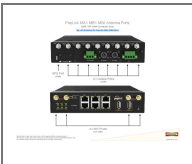
* US Carrier Certifications(: AT&T, FirstNet, US Cellular, Verizon (C-Band).

Feature Add-on

Product Code	Description
PVN-LC-05	Up to 5 SpeedFusion Bonding License Key for MBX Mini
PVN-LC-10	Up to 10 SpeedFusion Bonding License Key for MBX Mini
PVN-LC-20	Up to 20 SpeedFusion Bonding License Key for MBX Mini

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Documents / Resources

	<p>AntennaGear MAX MBX MINI 5G Designed to Maximize your Output [pdf] User Guide MBX Mini, MAX MBX MINI 5G Designed to Maximize your Output, MAX MBX MINI, 5G Designe d to Maximize your Output, Maximize your Output, your Output, Output</p>
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References

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

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