MAX Transit

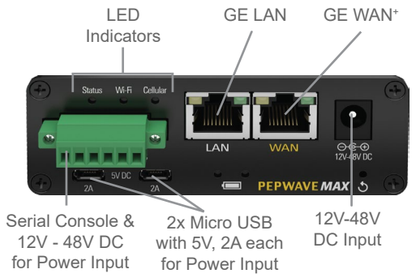
CAT-18

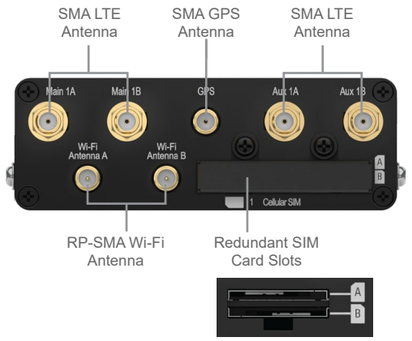
Single LTE-A Pro Router for Transportation Wi-Fi

Specifications

	MAX-TST (CAT-18)
Cellular WAN Interfaces	Single LTE-A Pro Modem
SpeedFusion Hot Failover	●
SpeedFusion WAN Smoothing	● ^
SpeedFusion Bandwidth Bonding	● ^
Number of PepVPN SpeedFusion Peers	5 ^
WAN Interface	1x GE+
LAN Interface	1x GE
Load Balancing/Failover	●
Router Throughput	400 Mbps
SpeedFusion Throughput (No Encryption)	100 Mbps
SpeedFusion Throughput (256-bit AES)	60 Mbps
Recommended Users	150
LTE-A Pro Modem	Downlink/Uplink Datarate: 1.2 Gbps/150 Mbps
Wi-Fi Standard	802.11ac/a/b/g/n 2x2 MIMO
Transmit Power (2.4GHz / 5GHz)	19 dBm / 21 dBm
Simultaneous Dual-Band Wi-Fi AP	●
Antenna Connectors	4x SMA Cellular, 1x SMA GPS, 2x RP-SMA Wi-Fi
Power Input	Device: 12V – 48V DC AC Adapter: AC Input 100V – 240V / DC Output 12V Terminal Block: 12V – 48V DC
Power Consumption	18W (max.)
Dimensions (L x W x H)	6.3 x 3.8 x 1.3 inches 160 x 97 x 33.5 mm
Weight	1.3 pounds / 590 grams
Operating Temperature	-40° – 149°F / -40° – 65°C
Humidity	15% – 95% (non-condensing)
Warranty	1-Year Limited Warranty

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





Ordering Information

Product Code	Carrier/Region	Modems	Cellular Standard	4G Bands	3G Bands
MAX-TST-GLTE-G-T-PRM	Global / CAT-18	1	LTE-A Pro	B1, B3, B25(B2), B66(B4), B26(B5/B18/B19), B7, B8, B12(17), B13, B14 , B20, B28, B29, B30, B32, B71, B38, B39, B40, B41, B42, B43, B46, B48	B1, B2, B4, B5(B19), B8

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Ref no.: max-transit-202002-v18

MAX Transit

Single LTE-A Pro Router for Transportation Wi-Fi

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Compatible With:

verizon, Sprint, at&t, T-Mobile, ROGERS, TELUS, Bell, U.S.Cellular

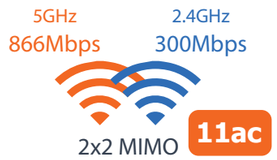
*Selected models

Built for Transportation Deployments

With a compact form factor, simultaneous dual-band 11ac Wi-Fi, the MAX Transit is ready to deliver fast, reliable Wi-Fi to your passengers.

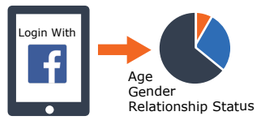
Dual Embedded Cellular# and Redundant SIM Slots

Up to two cellular modems and redundant SIM slots allow you to use up to four different cellular providers for bandwidth bonding, data overage protection or eliminating blind spots.



Simultaneous Dual-Band Wi-Fi

Reduce Wi-Fi congestion and interference. Simultaneous dual-band Wi-Fi gives you two independent networks that also work together, maximizing the throughput that your passengers can enjoy.

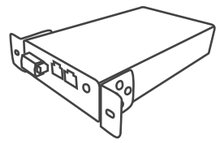


Captive Portal with Social Wi-Fi

The MAX Transit comes with a customizable captive portal what allows passengers to login with Facebook. As they login, you can use InControl 2 to see insightful reports on user demographics.

External Captive Portal for Advertising Servers

The MAX Transit also supports external captive portals, enabling you to connect to an advertising server. That way, your Wi-Fi hotspots can become a source of revenue.



Install it Anywhere

With mounting ears that can be installed from many angles and optional DIN rail mounts, the MAX Transit is ready to fit into just about any space you have available.

Certified Toughness

In addition to rugged metal enclosure, the MAX Transit has certifications on:
Shock and vibration resistance
(EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
Electromagnetic Compatibility (EN 61000)
eMark (ref: E13*10R00*10R05*13664*00)

#Applies only to the MAX-TST-DUO

MAX Transit

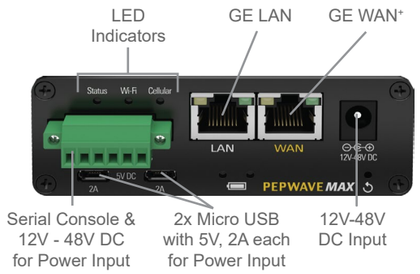
Single LTE-A Pro Router for Transportation Wi-Fi

LTE-A PRO / LTE-A / LTE

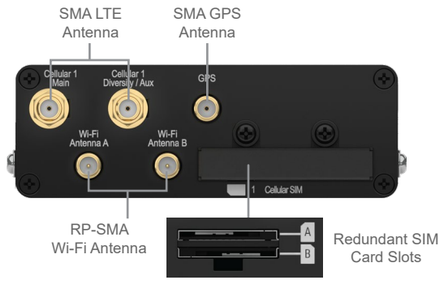
Specifications

	MAX-TST	MAX-TST-DUO
Cellular WAN Interfaces	Single LTE Modem	Dual LTE Modems
SpeedFusion Hot Failover	●	●
SpeedFusion WAN Smoothing	○	○ #
SpeedFusion Bandwidth Bonding	○	○ #
Number of PepVPN SpeedFusion Peers	2 / 5 ^	
WAN Interface	1x GE+	
LAN Interface	1x GE	
Load Balancing/Failover	●	
Router Throughput	400Mbps	
SpeedFusion Throughput (No Encryption)	100Mbps	
SpeedFusion Throughput (256-bit AES)	60Mbps	
Recommended Users	150	
Downlink/Uplink Datarate	100Mbps/50Mbps (LTE Modem) 300Mbps/50Mbps (LTE-A Modem) 600Mbps/150Mbps (LTE-A Pro Modem)	
Wi-Fi Standard	802.11ac/a/b/g/n 2x2 MIMO	
Transmit Power (2.4GHz / 5GHz)	19dBm / 21dBm	
Simultaneous Dual-Band Wi-Fi AP	●	
Antenna Connectors	2x SMA Cellular*, 1x SMA GPS, 2x RP-SMA Wi-Fi	
Power Input	Device: 12V – 48V DC AC Adapter: AC Input 100V – 240V / DC Output 12V Terminal Block: 12V – 48V DC	
Power Consumption	18W (max.)	
Dimensions (L x W x H)	6.3 x 3.8 x 1.3 inches 160 x 97 x 33.5 mm	
Weight	1.3 pounds 590 grams	
Operating Temperature	-40° – 149°F -40° – 65°C	
Humidity	15% – 95% (non-condensing)	
Warranty	1-Year Limited Warranty	

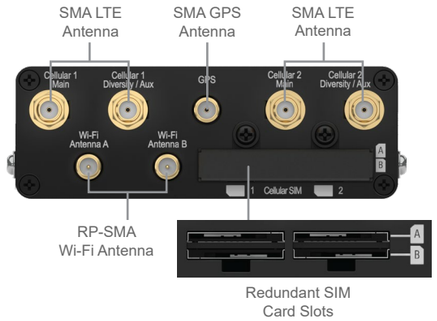
Available as a license add-on.
^ 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled for PrimeCare models which requires PrimeCare Subscription, complementary for the first year.
+ The WAN port can act as a LAN port if needed.
* the MAX-TST-DUO has 4x SMA cellular antenna connectors.



MAX-TST



MAX-TST-DUO



Ordering Information

	Product Code	Embedded Modems	Carrier/ Region	Cellular Standard	4G Bands	3G Bands
LTE-A Pro	MAX-TST-LTEA-R-T	1	America / FirstNet / CAT-12	LTE Advanced Pro	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, **B14**, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66	HSPA+: B1, B2, B4, B5, B6, B8, B9, B19
	MAX-TST-DUO-LTEA-R-T	2				
	MAX-TST-DUO-LTEA-R-PRM					
	MAX-TST-LTEA-K-T	1	Global* / CAT-12	LTE Advanced Pro	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, **B28**, B29, B30, B32, B41, B42, B43, B46, B48, B66	HSPA+: B1, B2, B4, B5, B6, B8, B9, B19
	MAX-TST-DUO-LTEA-K-T	2				
	MAX-TST-DUO-LTEA-K-T-PRM					
LTEA	MAX-TST-LTEA-W-T	1	Worldwide / CAT-6	LTE Advanced	B1, B2, B3, B4, B5, B7, B8 , B12, B13, B20, B25, B26, B29, B30, B41	WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-TST-DUO-LTEA-W-T	2				
	MAX-TST-DUO-LTEA-W-T-PRM					
	MAX-TST-LTEA-P-T	1	Asia Pacific / CAT-6	LTE Advanced	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8, B9, B19 UMTS: B6 TD-SCDMA: B39
	MAX-TST-DUO-LTEA-P-T	2				
	MAX-TST-DUO-LTEA-P-T-PRM					
LTE	MAX-TST-E-T	1	Europe / International / CAT-4	LTE	B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
	MAX-TST-DUO-E-T	2				

* China & HK TD LTE are excluded.

Add-On License		
MAX-TST-DUO-LC-SF	SpeedFusion License for MAX -TST-DUO	Enables SpeedFusion Bandwidth Bonding and WAN Smoothing for MAX-TST-DUO

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