

# MAX Transit

## Single LTE-A Pro Router for Transportation Wi-Fi



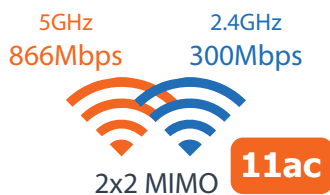
### Compatible With:



\*Selected models

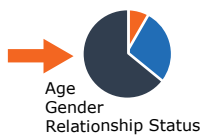
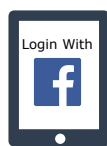
## Built for Transportation Deployments

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.



### 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.



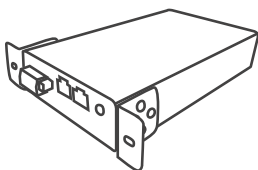
### Captive Portal with Social Wi-Fi

The MAX Transit comes with a customizable captive portal that 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)

# MAX Transit

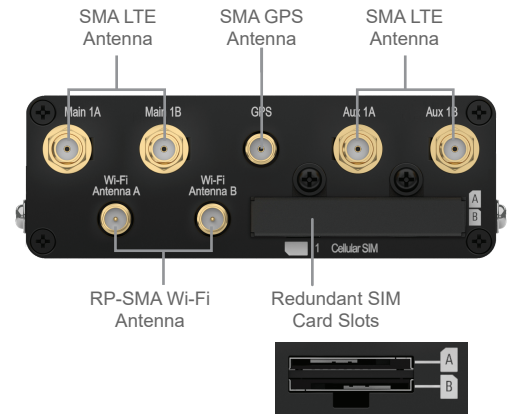
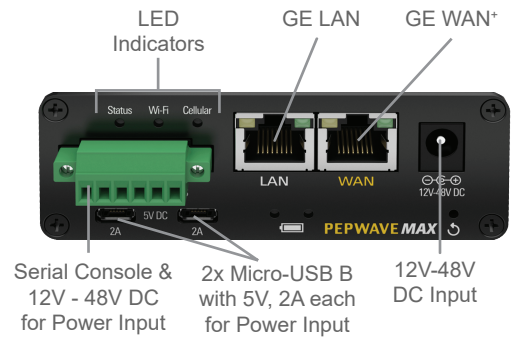
CAT-18

## 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     | 2/5 ^                                                                                                                                                                                                                                            |
| WAN Interface                          | 1x GE+                                                                                                                                                                                                                                           |
| LAN Interface                          | 1x GE                                                                                                                                                                                                                                            |
| USB LAN Port                           | Micro-USB B                                                                                                                                                                                                                                      |
| 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:<br>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,<br>2x RP-SMA Wi-Fi                                                                                                                                                                                                  |
| Power Input                            | Device: 12V – 48V DC<br>AC Adapter: AC Input 100V – 240V / DC Output 12V<br>Terminal Block: 12V – 48V DC                                                                                                                                         |
| Power Consumption                      | 7.5W (nominal), 18W (max.)                                                                                                                                                                                                                       |
| Dimensions<br>(L x W x H)              | 6.3 x 3.8 x 1.3 inches<br>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                                                                                                                                                                                                                          |
| Package Content                        | MAX Transit (CAT-18),<br>12V2A Power Supply (ACW-601),<br>2x 5dBi Wi-Fi Antennas (ACW-341),<br>1x GPS Active Antenna (ACW-232),<br>4x 2dBi 4G LTE Antennas (ACW-234),<br>1 Pair of Mounting Brackets (ACW-724),<br>6pin Terminal Block Connector |

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

^ Requires PrimeCare Subscription, complimentary for the first year.



## Ordering Information

| Product Code         | Carrier/Region             | Modems | Cellular Standard | 4G Bands                                                                                                                                   | 3G Bands                |
|----------------------|----------------------------|--------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| MAX-TST-GLTE-G-T-PRM | Global / FirstNet / 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 |

## Custom Options

| Product Code     | Description                                                        |
|------------------|--------------------------------------------------------------------|
| ANT-MB-42G-S-W-6 | 7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White) |
| ANT-MB-42G-S-B-6 | 7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black) |
| ACW-DIN-TST      | DIN Rail mount kit                                                 |



# MAX Transit

## Single LTE-A Pro Router for Transportation Wi-Fi

### Specifications

| MAX-TST                                |                                                                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cellular WAN Interfaces                | Single LTE Modem                                                                                                                                                                                                                        |
| SpeedFusion Hot Failover               | ●                                                                                                                                                                                                                                       |
| SpeedFusion WAN Smoothing              | ○                                                                                                                                                                                                                                       |
| SpeedFusion Bandwidth Bonding          | ○                                                                                                                                                                                                                                       |
| Number of PepVPN SpeedFusion Peers     | 2 / 5 ^                                                                                                                                                                                                                                 |
| WAN Interface                          | 1x GE*                                                                                                                                                                                                                                  |
| LAN Interface                          | 1x GE                                                                                                                                                                                                                                   |
| USB LAN Port                           | Micro-USB B                                                                                                                                                                                                                             |
| 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)<br>300Mbps/50Mbps (LTE-A Modem)<br>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<br>AC Adapter: AC Input 100V – 240V / DC Output 12V<br>Terminal Block: 12V – 48V DC                                                                                                                                |
| Power Consumption                      | 8W (nominal), 18W (max.)                                                                                                                                                                                                                |
| Dimensions (L x W x H)                 | 6.3 x 3.8 x 1.3 inches<br>160 x 97 x 33.5 mm                                                                                                                                                                                            |
| Weight                                 | 1.3 pounds<br>590 grams                                                                                                                                                                                                                 |
| Operating Temperature                  | -40° – 149°F<br>-40° – 65°C                                                                                                                                                                                                             |
| Humidity                               | 15% – 95% (non-condensing)                                                                                                                                                                                                              |
| Warranty                               | 1-Year Limited Warranty                                                                                                                                                                                                                 |
| Package Content                        | MAX Transit,<br>12V2A Power Supply (ACW-601),<br>2x 5dBi Wi-Fi Antennas (ACW-341),<br>1x GPS Active Antenna (ACW-232),<br>2x 2dBi 4G LTE Antennas (ACW-234),<br>1 Pair of Mounting Brackets (ACW-724),<br>6pin Terminal Block Connector |

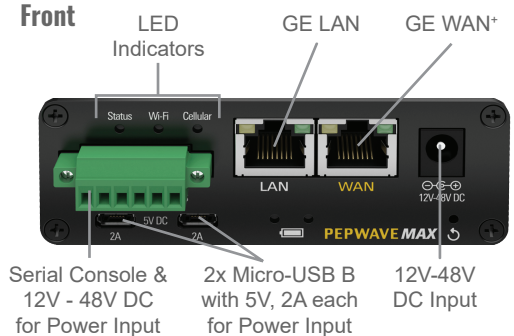
^ 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled for PrimeCare models which requires PrimeCare Subscription, complimentary for the first year.

\* The WAN port can act as a LAN port if needed.

### MAX Transit



### Front

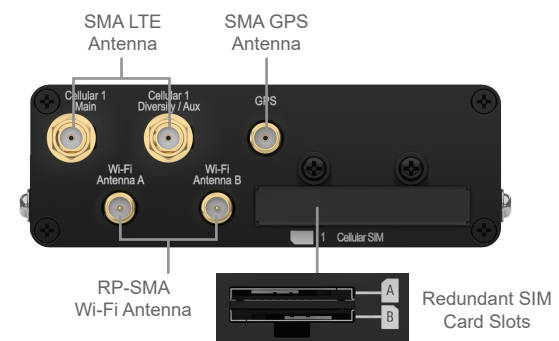


Serial Console & 12V - 48V DC for Power Input

2x Micro-USB B with 5V, 2A each for Power Input

12V-48V DC Input

### Back



Redundant SIM Card Slots

# MAX Transit

## Single LTE-A Pro Router for Transportation Wi-Fi

LTE-A PRO /  
LTE-A /  
LTE

### 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, <b>B14</b> , B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66 | HSPA+: B1, B2, B4, B5, B6, B8, B9, B19                                 |
|           | 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, <b>B28</b> , B29, B30, B32, B41, B42, B43, B46, B48, B66 | HSPA+: B1, B2, B4, B5, B6, B8, B9, B19                                 |
| 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-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<br>UMTS: B6<br>TD-SCDMA: B39 |
| 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                                       |

\* China & HK TD LTE are excluded.

### Custom Options

| Product Code     | Description                                                        |
|------------------|--------------------------------------------------------------------|
| ANT-MB-22G-S-W-6 | 5-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White) |
| ANT-MB-22G-S-B-6 | 5-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black) |
| ACW-DIN-TST      | DIN Rail mount kit                                                 |