

# Transit Core



## Specifications

|   |  |                              |   |
|---|--|------------------------------|---|
| <b>WAN Interface</b>  | 1x 10/100/1000M Ethernet <sup>1</sup><br>2x Embedded Cellular Modem with Redundant SIM Slots | <b>Antenna Connectors</b>    | 4x SMA Cellular Connectors<br>1x SMA GPS Antenna Connector  |
| <b>LAN Interface</b>  | 3x 10/100/1000M Ethernet   | <b>Power Input</b>           | Power Port: 12V – 56V DC<br>AC Adapter: AC Input 100V–240V / DC Output 12V<br>Terminal Block: 12V – 56V DC  |
| <b>SpeedFusion Features</b>                                       | Hot Failover <sup>2</sup> , WAN Smoothing <sup>2</sup> ,<br>Bandwidth Bonding <sup>2</sup>   | <b>Power Output</b>          | Power over Ethernet 802.3at <sup>5</sup>  |
| <b>Number of PepVPN SpeedFusion Peers</b>                         | 2 / 5 <sup>3</sup>   | <b>Power Consumption</b>     | 7W (nominal), 18W (max.)  |
| <b>Features</b>   | Ignition Sensing<br>Load Balancing/Failover  | <b>Dimensions</b>            | 6.3 x 3.8 x 1.3 inches / 160 x 97 x 33.5 mm   |
| <b>Router Throughput</b>  | 400 Mbps   | <b>Weight</b>                | 1.3 pounds / 590 grams  |
| <b>SpeedFusion Throughput (No Encryption)</b>                     | 100 Mbps   | <b>Operating Temperature</b> | -40° – 149°F / -40° – 65°C  |
| <b>SpeedFusion Throughput (256-bit AES)</b>                       | 60 Mbps  | <b>Humidity</b>              | 15% – 95% (non-condensing)  |
| <b>Recommended Users</b>  | 25-150   | <b>Warranty</b>              | 1-Year Limited Warranty   |
| <b>LTE Cellular Data Rate<sup>4</sup><br/>(Downlink / Uplink)</b> | LTE CAT-12: 600 Mbps/150 Mbps  | <b>Certifications</b>        | FCC, RoHS   |
|   |  | <b>Package Content</b>       | 1x Transit Core<br>12V 2A 4 Pin Power Supply (ACW-632)<br>4x 4G LTE Antennas (ACW-234)<br>1x GPS Active Antenna (ACW-232)<br>1 Pair of Mounting Brackets (ACW-724)<br>6pin Terminal Block Connector |

<sup>1</sup> The WAN port can act as a LAN port if needed.

<sup>2</sup> Requires PrimeCare Subscription, complimentary for the first year.

<sup>3</sup> 2 PepVPN Peers are enabled by default. 5 PepVPN Peers are enabled for PrimeCare models which requires PrimeCare Subscription, complimentary for the first year.

<sup>4</sup> Theoretical maximum data rates.

<sup>5</sup> PoE output requires a minimum of 48V power input via the terminal block or a 54V PSU with 4pin Power Supply.

## Ordering information

| Product Code                  | Embedded Modems | Carrier/ Categories | LTE Bands  | 3G Bands                               |
|-------------------------------|-----------------|---------------------|--|--|
| MAX-TST-DUO-CORE-LTEA-R-T-PRM | 2               | America/CAT-12      | 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 |

## Accessories / Feature Add-on

| Product Code                | Description                             |
|-----------------------------|---|
| ACW-DIN-TST                 | DIN Rail Mount                          |
| PRM-MAX-TST-DUO-CORE-LTE-1Y | PrimeCare (1-Year) for MAX Transit Core |
| PRM-MAX-TST-DUO-CORE-LTE-2Y | PrimeCare (2-Year) for MAX Transit Core |
| PRM-MAX-TST-DUO-CORE-LTE-4Y | PrimeCare (4-Year) for MAX Transit Core |