

MAX Transit

Multi-LTE Router for Transportation Wi-Fi

PEPWAVE
Broadband Possibilities

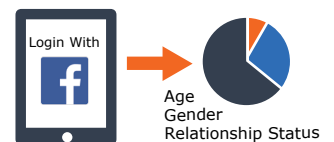


Built for Transportation Deployments

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.

2x 4G LTE

5GHz 866Mbps
2.4GHz 300Mbps
2x2 MIMO 11ac



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.

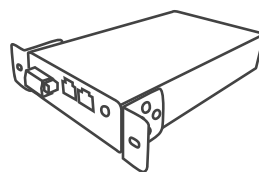


External Captive Portal for Advertising Servers

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.

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.



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.

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.



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

Specifications

	MAX-TST	MAX-TST-DUO
Cellular WAN Interfaces	Single LTE Modem	Dual LTE Modems
SpeedFusion Hot Failover	●	●
SpeedFusion WAN Smoothing	○	○ [^]
SpeedFusion Bandwidth Bonding	○	○ [^]
WAN Interface	1x GE ⁺	
LAN Interface	1x GE	
Load Balancing/Failover	●	
Recommended Users	1-100	
Router Throughput	200Mbps	
SpeedFusion Throughput (No Encryption)	100Mbps	
SpeedFusion Throughput (256-bit AES)	60Mbps	
Wi-Fi Standard	802.11ac/a/b/g/n 2x2 MIMO	
2.4GHz/5GHz	300Mbps / 866Mbps	
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	7.3 x 3.8 x 1.3 inches 185 x 97 x 33.5 mm (L x W x H)	
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. [^] Available as a license add-on.
* the MAX-TST-DUO has 4x SMA cellular antenna connectors.

Features

WAN
Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
IPv6 Support
Support for Dynamic DNS services

LAN
DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
DNS Proxy for LAN Clients
VLAN on LAN Support

AP Controller
AP Controller Support
Wi-Fi Usage Statistics

Global Positioning System
Integrated GPS
Device Location Map
Location Tracking Data
GPS eXchange Format (GPX)
Up to Seven Days
InControl 2 Fleet Management

Networking
NAT and IP Forwarding
Static Routes
Port Forwarding
Many to One, One to One NAT
NAT Pool
SIP ALG, H.323 ALG
UPnP, NAT-PMP
WINS Server

Captive Portal Support
Support for Wired and Wireless LAN Clients
RADIUS Authentication
Time and Usage Quotas on Open Access Mode
Built-in Customizable Splash Page
Social Wi-Fi Hotspot with Facebook Login

Load Balancing
Intelligent Failover
Session Persistence [^]
Per-Service Load Distribution [^]
Multiple Algorithms [^]

Complete VPN Solution
PepVPN
SpeedFusion
Hot Failover
Bandwidth Bonding #
WAN Smoothing #
256-bit AES Encryption
Pre-shared Key Authentication
Dynamic Routing
X.509 Certificate Support
PPTP / L2TP / IPsec VPN Server
RADIUS, LDAP Authentication
IPsec VPN (Network-to-Network)
X.509 Certificate Support

Security
128-bit WEP
WPA & WPA 2
Stateful Firewall
DoS Prevention
Web Blocking

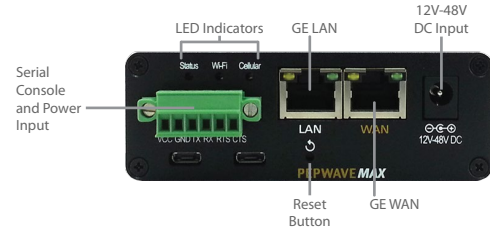
Device Management
Web Administrative Interface
Command Line Interface
InControl Cloud Management
Email Notification
Active Client & Session Lists
Bandwidth Usage Statistics
Syslog Service
SNMP v1, v2c and v3

[^] Available on the MAX-TST-DUO only.

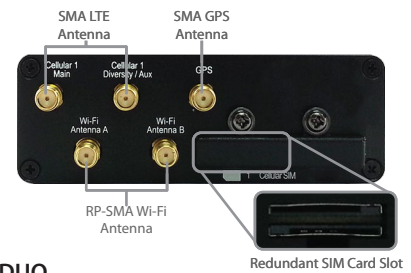
Available on MAX-TST-DUO product codes as an upgrade.

Product Ordering Information

Product Code	Carrier	Embedded Modem(s)	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
MAX-TST-E-T	Europe/International	1	4GLTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
MAX-TST-DUO-E-T	Europe/International	2	4GLTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
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	



MAX-TST



MAX-TST-DUO

