MAX On-The-Go/700

PEPWAVE
Broadband Possibilities

Secure and Fast Internet or VPN Connections Anywhere You Work.

MAX 700

Turbocharged Mobile Access. Anytime. Everywhere.

The Pepwave MAX On-The-Go/700 bonds the bandwidth four 4G LTE/3G USB modems using SpeedFusion™ technology to deliver secure and fast Internet or VPN connections anywhere. You can even create your own hotspot or boost your bandwidth with available Wi-Fi connections using built-in 802.11n networking, making the MAX On-The-Go/700 the ultimate mobile connectivity solution.

Works With

verizon at&t Sprint T·Mobile· LTE

See a list of supported modems at peplink.com/modem

SpeedFusion™
Bonding Technology

SpeedFusion Bandwidth Bonding and Seamless Failover

SpeedFusion bandwidth bonding technology bonds all connected bandwidth into a single superfast stream, using the same or different cellular providers.

Unparalleled Modem Compatibility

Supports 250+ USB cellular modems from more than 100 carriers. You can plug in and start surfing instantly. But if not, just connect your modem and turn on Remote Assistance – our engineers will get right to work on adding support for your modem.

Fleet Tracking and Management

With built-in GPS fleet tracking and InControl 2 cloud-based management, you can keep tabs on location and manage your mobile network from any Internet-connected device.

Customize Captive Portal

Branding your captive portal is as easy as uploading your logo and terms & conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS.

Certified Toughness

In addition to rugged metal enclosure, MAX 700 has certifications on:
Shock and vibration resistance
(EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
Electromagnetic Compatibility (EN 61000)

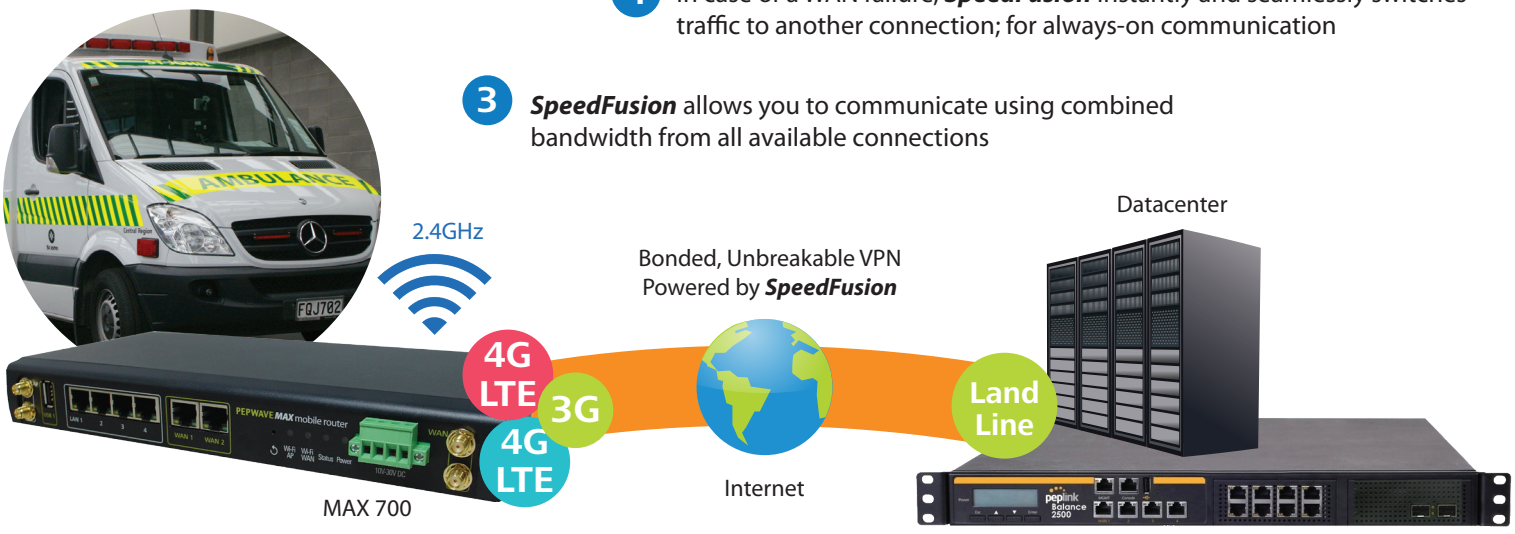
Application

First Responders – Unbreakable VPN for Mission-Critical Emergency Communication

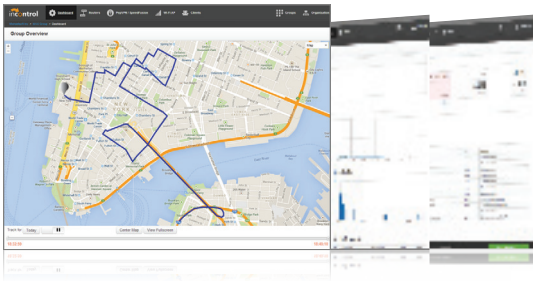
2 Unbreakable VPN powers uninterrupted communication and resource access

4 In case of a WAN failure, ***SpeedFusion*** instantly and seamlessly switches traffic to another connection; for always-on communication

3 ***SpeedFusion*** allows you to communicate using combined bandwidth from all available connections



1 ***SpeedFusion*** creates an ***unbreakable, high-bandwidth connection*** using multiple USB 4G LTE/3G modems from different carriers



InControl2

Setup. Manage. Report.

5 InControl 2 provides complete cloud-based device management, monitoring, and reporting.

SMBs – Landline Alternative for Construction Site and Remote/Temporary Workstation

3 With MAX 700's built-in AP Controller, you can extend your Wi-Fi coverage with AP One, configure and get detailed access point usage reports anytime, right from your MAX 700

1 In areas where landline is not feasible, you can connect to multiple 4G LTE/3G with MAX 700 for ultra-fast and ultra-reliabile Internet connectivity

The AP One is available in a variety of configurations. Whether you need Wi-Fi in a single conference room or across a large outdoor area, there's an AP One model built for the job. Visit peplink.com/ap-one for details.

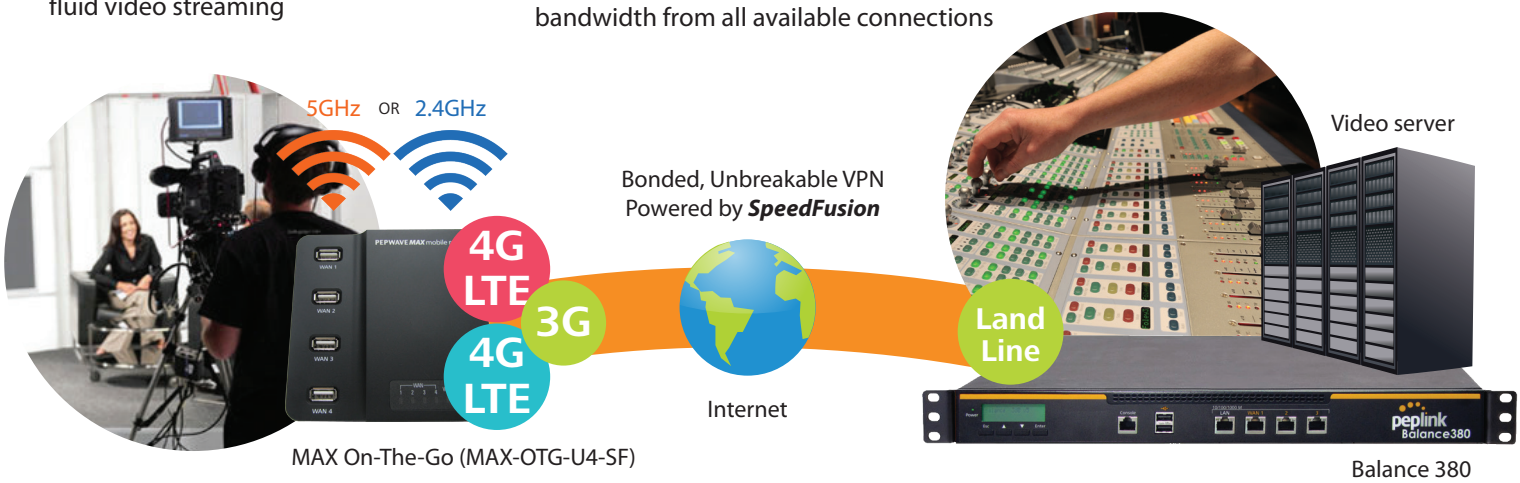
2 State-of-the-art load balancing and failover for unparalleled uptime

Broadcasting and Media – Blazing Fast Video Broadcast on Multiple 4G LTE/3G Links

4 In case of a WAN failure, ***SpeedFusion*** instantly and seamlessly switches traffic to another connection; for ultra-reliable video streaming

2 Unbreakable VPN delivers fast and fluid video streaming

3 ***SpeedFusion*** allows you to transfer video using bandwidth from all available connections



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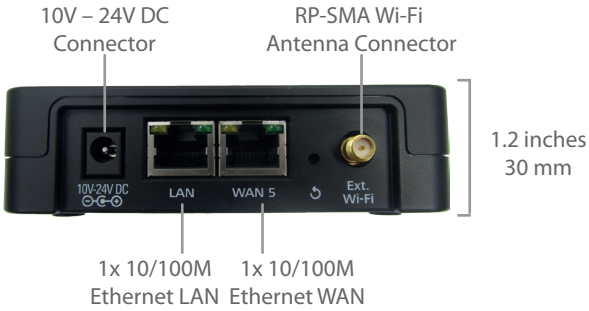
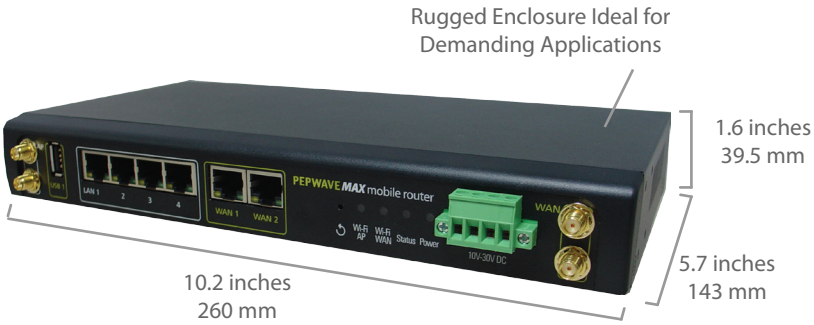
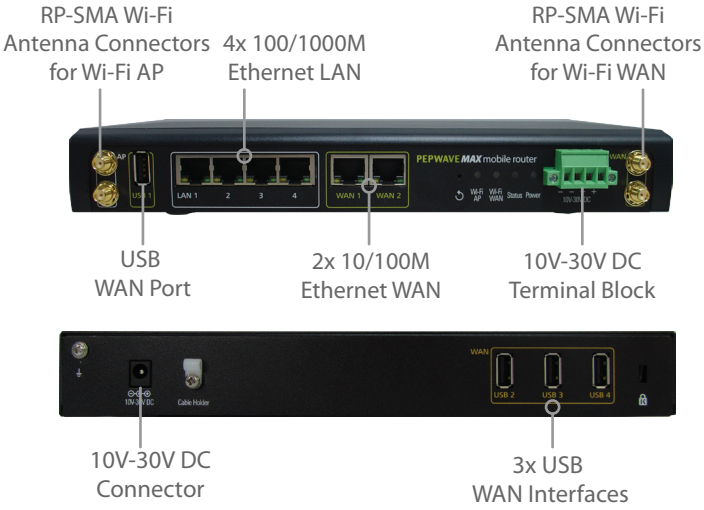
Hardware

MAX On-The-Go



MAX 700





Specifications

	MAX On-The-Go	MAX 700
WAN Interface	4x USB Interfaces 1x 10/100M Ethernet Port	4x USB Interfaces 2x 10/100M Ethernet Ports
LAN Interface	1x 10/100M Ethernet Port	4x 100/1000M Ethernet Ports
W-Fi Interface	1x 802.11a/n or b/g/n 150Mbps Wi-Fi WAN and/or AP	1x 802.11b/g/n 300Mbps Wi-Fi WAN 1x 802.11b/g/n 300Mbps Wi-Fi AP
Wi-Fi AP Operating Frequency	2412 – 2472 MHz or 5180 - 5825 MHz	2412 – 2472 MHz
Router Throughput	100Mbps	
PepVPN	●	●
SpeedFusion Hot Failover	●	●
SpeedFusion Bandwidth Bonding	●	●
Number of PepVPN/SpeedFusion Peers	2	2
PepVPN/SpeedFusion Throughput (no encryption)	40Mbps	60Mbps
PepVPN/SpeedFusion Throughput (256-bit AES)	20Mbps	30Mbps
Wi-Fi Antenna	Integrated 1dBi Omni Antenna Switchable to RP-SMA Connector for External Wi-Fi Antenna	4x RP-SMA Connectors
Enclosure	Low-Profile, All-Purpose	Indoor Metal
Dimension	1.2 x 4.3 x 4.3 inches 30 x 110 x 110 mm	1.6 x 10.2 x 5.7 inches 39.5 x 260 x 143 mm
Weight	0.43 pounds 195 grams	2.65 pounds 1.2 kg
Power Input	Device: 10V – 24V DC AC Adapter: AC Input 100V – 240V, DC Output 12V, 2A	Device: 10V – 30V DC, 3A AC Adapter: AC Input 100V – 240V / DC Output 12V Terminal Block: 10V – 30V DC, 3A
Power Consumption	20W (max.)	28W (max.)
Operating Temperature	-14° – 149°F -10° – 65°C	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)	
Certifications	FCC, CE, RoHS	
RF Port Lighting Immunity: ITU-T K.20 (+/- 1.5 kV)	○	●
Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999	○	●
Warranty	1-Year Limited Warranty	

Features

WAN
Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
USB 4G/3G Modem Support
IPv6 Support*
Support for Dynamic DNS services
WAN Port Convertible into LAN Port*

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

Load Balancing*
Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

*Available on selected models.

Complete VPN Solution
PepVPN/SpeedFusion Hot Failover*/
SpeedFusion Bandwidth Bonding*
- Site-to-Site VPN
- Bandwidth Aggregation*
- Hot Failover*
- 256-bit AES Encryption
- Pre-shared Key Authentication
- Dynamic Routing
- X.509 Certificate Support*

IPsec VPN (Network-to-Network)
- X.509 Certificate Support*

Advanced QoS
User Groups
- Bandwidth Reservation*
- Individual Bandwidth Limit*

Application Prioritization
- By User Groups*
- SIP, HTTPS, VPN QoS
- Custom Application QoS

AP Controller*
AP Controller Support
Wi-Fi Usage Statistics

Captive Portal Support*
Support for Wired and Wireless LAN Clients
Support for RADIUS Authentication
Support for LDAP Authentication*
Time and Usage Quotas on Open Access Mode
Built-in Customizable Splash Page

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*
VRRP HA support*

Security
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

Certification
FCC, CE, RoHS
Shock and Vibration Resistance*
RF Port Lightning Immunity*

Product Ordering Information

MAX On-The-Go

Product Code	Description
MAX-OTG-U4	Quad-USB 4G LTE/3G router. Supports PepVPN and quad-WAN load balancing & failover. Upgradable to MAX-OTG-SF with license key.
MAX-OTG-U4-SF	Quad-USB 4G LTE/3G router. Supports PepVPN, SpeedFusion HotFailover, SpeedFusion Bandwidth Bonding and quad-WAN load balancing & failover.

MAX 700

Product Code	Description
MAS-GN2-R	Quad-USB 4G LTE/3G router. Supports 200+ USB 4G LTE / 3G modems from mobile carriers including Verizon, AT&T, T-Mobile, Sprint, and worldwide carrier. Supports PepVPN, SpeedFusion HotFailover, SpeedFusion Bandwidth Bonding and quad-WAN load balancing & failover.

PEPWAVE
Broadband Possibilities

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