

MAX cellular router

PEPWAVE
Broadband Possibilities

Load Balancing. Unbreakable VPN. Bandwidth Bonding.



Certified with



Sprint



The Ultimate Mobile Router.

The Pepwave MAX mobile router gives you the ultimate in mobile connectivity. With the ability to combine a variety of wireless services, the MAX gives you maximum reliability through automatic link failover and scalability with multi-WAN load balancing and SpeedFusion™ bandwidth bonding. The Pepwave MAX brings wireline reliability to environments where no other solution can.

Up to 7 Internet Connections.

The Pepwave MAX combines as many as seven 4G LTE, 3G, VSAT, Wi-Fi WAN, and other mobile connections to deliver consistently high speeds and 100% uptime. Bond up to four USB modems and add broadband landline connections for blazing data transfer anywhere, anytime.

Get More Performance from Your Connections.

SpeedFusion bandwidth bonding automatically distributes traffic across wireless links, increasing connection stability and making maximum use of all available bandwidth. And you can scale your bandwidth as you go simply by adding extra 4G LTE, 3G, or other wireless connections at any time. The MAX automatically switches to lower priority connections when primary connections fail due to signal or coverage issues. Your connection stays fast, and you stay seamlessly connected and productive.

Embedded 4G LTE/World-Mode 3G Modems.

Leave your external modems behind. The Pepwave MAX features integrated 4G LTE or world-mode 3G modems for instant connectivity anywhere you go. And because the MAX is easy to configure and shock/vibration resistant, you can give your mechanic a break.

Stay Connected Anywhere.

With persistent session roaming, our SpeedFusion Bandwidth Bonding technology keeps your mobile network up and running at all times. No matter where you travel, you get uninterrupted access to POS, ERP, VoIP, and other critical data, even when individual links go down.

Key Features

- Multiple WAN load balancing and failover
- Aggregate multiple wireless connections with SpeedFusion™ Bandwidth Bonding
- HD video streaming over 4G LTE/3G
- Automatic switching to best available link
- Connect to 4G LTE, 3G, Wi-Fi, DSL, cable, and/or satellite
- Bandwidth allowance control and reporting
- Built-in embedded 4G LTE modem or embedded world-mode 3G modem
- Built-in WLAN Controller for Pepwave AP
- Captive Portal for hotspots
- Terminal block and versatile input voltage for deployment on mobile vehicles
- Built-in GPS

Live Demo

Try out the Pepwave MAX's Web Admin Demo now!

<http://www.pepwave.com/demo/max/>

Applications

Public Safety/Mobile Command

Built to endure temperatures from -40 to 65°C and featuring industrial-grade shock and vibration resistance with a versatile 10V – 30V power supply, the MAX keeps you in command of any public safety situation, no matter how hot or bumpy the ride gets.

MOBILE COMMAND



HEADQUARTERS



DATA CENTER

Introducing SpeedFusion Bonding Technology.

SpeedFusion Bandwidth Bonding is an end-to-end tunneling protocol. It requires at least a pair of SpeedFusion enabled devices.

Typical deployment involves MAX mobile router and Peplink Balance 210 or above working in pair on any IP network. The MAX can be used in both stationary and moving environments, while the Balance will be deployed in a data center, headquarters, or other central site.

Enterprise HQ/Datacenter

Connect up to 13 WAN links of any type with Peplink Balance. Mix T1, DSL, and fiber connections to get the most bandwidth from your connections



RETAIL

POS/Retail

Set up shop anywhere, anytime with the MAX mobile router and quickly connect to headquarters with 4G LTE, bonded 3G or DSL/satellite. With 256-bit AES encryption, your data remains safe from prying eyes.

REMOTE OFFICE



Landline Alternative

Cut the cord and give your entire office the benefits of high-speed, multi-connection wireless Internet with the Pepwave MAX. The MAX let you bond multiple 4G LTE/3G and other connections to deliver wired speeds and wireless convenience to everyone on your staff.

GPS Wi-Fi



TRANSPORTATION

Embedded GPS and Wi-Fi AP

Track your fleet and deploy Wi-Fi hotspots anywhere, without additional equipment.

Public Transportation

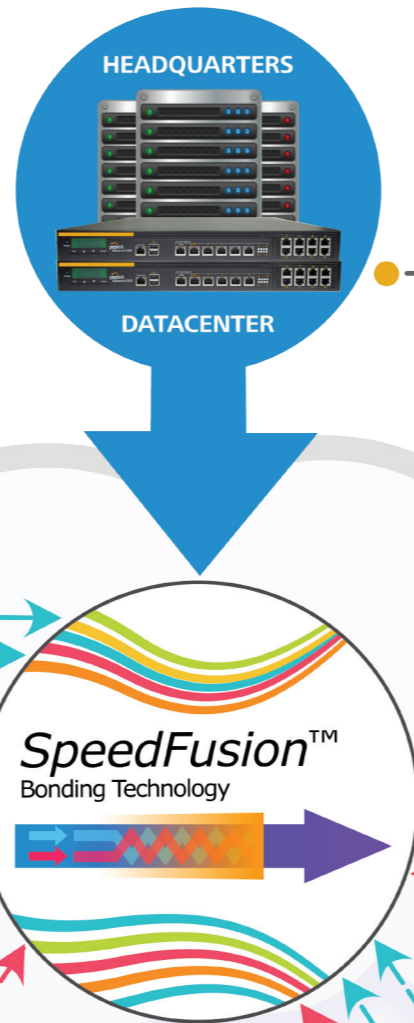
Bonding multiple 4G LTE/3G links to give public transportation workers and passengers a mobile Internet experience that rivals many wired connections. For passengers, drivers, fleet managers, that can be a very moving experience.



BROADCASTING

Field Broadcast

Up to 7 bonded 4G LTE, 3G, satellite, and other mobile links, the MAX allows you to mix and match connection types and providers to cut your costs and still deliver a perfect performance every time.



Specifications

| | BR1 MAX-BR1 | HD2 MAS-GN2C2-R | On-The-Go MAX-OTG-U4-SF | BR1 MAX-BR1-LTE | 700 MAS-GN2-R | HD1 MAX-HD1-LTE | HD2 MAX-HD2-LTE |
|--|----------------|--------------------|----------------------------|---------------------|------------------|---------------------|--------------------|
| Product Code | MAX-BR1 | MAS-GN2C2-R | MAX-OTG-U4-SF | MAX-BR1-LTE | MAS-GN2-R | MAX-HD1-LTE | MAX-HD2-LTE |
| Interface | 3G | | 4G LTE | | | | |
| Embedded Modem Type ¹ | 3G | 3G | ○ | 4G LTE ⁺ | ○ | 4G LTE ⁺ | 4G LTE |
| Embedded Modem WAN | 1 | 2 | ○ | 1 | ○ | 1 | 2 [*] |
| USB Modem WAN ² | ○ | 1 | 4 | ○ | 4 | 1 | 1 |
| Ethernet WAN | 1 | 2 | 1 | 1 | 2 | 2 | 2 |
| 802.11n Wi-Fi as WAN | ● | ● | ○ | ● | ● | ● | ● |
| 802.11n Wi-Fi AP | ● | ● | ● | ● | ● | ● | ● |
| Ethernet LAN Ports | 2 | 4 | 1 | 2 | 4 | 4 | 4 |
| Feature | 3G | | 4G LTE | | | | |
| Automatic Failover | ● | ● | ● | ● | ● | ● | ● |
| Load Balancing | ○ | ● | ● | ○ | ● | ● | ● |
| SpeedFusion Bandwidth Bonding ³ | ○ | ○ [#] | ● | ○ | ○ [#] | ● | ● |
| WLAN Controller ⁴ | ○ | ● | ○ | ○ | ● | ● | ● |
| Captive Portal | ● | ● | ● | ● | ● | ● | ● |
| Bandwidth Usage Monitor | ● | ● | ● | ● | ● | ● | ● |
| Bandwidth Usage Report | ○ | ● | ○ | ○ | ● | ● | ● |
| FusionHub Central Management | ● | ● | ● | ● | ● | ● | ● |
| IPsec VPN (Network-to-Network) | ● | ● | ● | ● | ● | ● | ● |
| PPTP VPN Server | ○ | ● | ○ | ○ | ● | ● | ● |
| QoS for VoIP and E-commerce | ● | ● | ● | ● | ● | ● | ● |
| Terminal Block | ● | ● | ○ | ● | ● | ● | ● |
| Built-in GPS | ○ ⁺ | ● | ○ | ○ ⁺ | ○ | ● | ● |

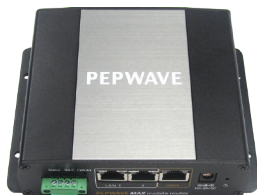
¹ 3G Embedded Modem supports GPRS / EDGE / UMTS / HSDPA / HSUPA / CDMA 1x RTT / EVDO. ² For a list of supported modems, please refer to: <http://www.pepwave.com/modem/>. ³ SpeedFusion can create Bandwidth Bonding connection with Peplink or Pepwave devices. ⁴ Pepwave MAX 700/HD1/HD2 features WLAN Controller for managing up to ten Pepwave AP devices. * Multiple 4G LTE configurations are available. # SpeedFusion is available as optional feature. + GPS is available as optional feature. For the most updated specifications, please refer to our website: <http://www.pepwave.com/products/max-mobile-router/>.

MAX On-The-Go



Built-in Wi-Fi Antenna

MAX BR1



Included Wi-Fi Antennas Not Shown

MAX 700 / HD1 / HD2



Features

WAN

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

LAN

- DHCP Server for LAN Clients
- Extended DHCP Options
- DHCP Reservation
- DNS Proxy for LAN Clients

WLAN Controller

- Support for Pepwave AP Series
- Customizable Captive Portal
- Auto AP Discovery
- Auto AP Firmware Management
- AP Profile Configuration

Complete VPN Solution

- PepVPN/SpeedFusion
- Site-to-Site VPN
- Bandwidth Aggregation
- Hot Failover
- 256-bit AES Encryption
- Pre-shared Key Authentication
- Dynamic Routing
- PPTP VPN Server
- RADIUS, LDAP Authentication
- IPsec VPN (Network-to-Network)

Load Balancing

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

Security

- DoS Prevention
- Stateful Firewall

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

Advanced QoS

- User Groups
- Bandwidth Reservation
- Individual Bandwidth Limit
- Application Prioritization
- By User Groups
- SIP, HTTPS, VPN QoS
- Custom Application QoS

Device Management

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

Certification

- FCC, CE, RoHS
- Shock and Vibration Resistance
- EN 61373:1999 IEC 61373:1999
- RF Port Lighting Immunity
- ITU-T K.20 (+/- 1.5 kV)

Temperature

- Operating Temperature: -40° – 65°C/-40° – 149°F

Specifications vary across different MAX models. For the most updated specifications, please refer to our website: <http://www.pepwave.com/max-mobile-router/compare/>.

PEPWAVE
Broadband Possibilities

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