

MAX mobile router

Professional Bandwidth Bonding Router

PEPWAVE
Broadband Possibilities



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/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



DATACENTER

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

SpeedFusion™
Bonding Technology

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.

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.

INTERNET

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

	On-The-Go	BR1	HD2	BR1	700	HD1	HD2
Product Code	MAX-OTG-U4	MAX-BR1	MAS-GN2C2-R	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	4	○	1	○	4	1	1
Ethernet WAN	1	1	2	1	2	2	2
802.11n Wi-Fi as WAN	○	●	●	●	●	●	●
802.11n Wi-Fi AP	●	●	●	●	●	●	●
Ethernet LAN Ports	1	2	4	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. ⁺ Built-in 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

POLAND

T: +48 22 382 53 75
E: sales@wilink.pl

www.wilink.pl

©Pepwave. All rights reserved. Pepwave, the Pepwave logo, and SpeedFusion are trademarks of Pepwave Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. All specifications are subject to change without notice.