MAX 700

Universal Dongle LTE Router with Bandwidth Bonding

wi link

PEPWAVE
Broadband Possibilities

Turbocharged Mobile Access. Anytime. Everywhere.

The Pepwave MAX 700 bonds the bandwidth four 4G LTE/3G USB modems using SpeedFusion™ Bandwidth Bonding 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 802.11ac networking, making the 700 the ultimate cellular 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 200+ 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.

InControl²
Setup.Manage.Report.

Acme

Web-Based Cloud Management

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

Customizable 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.
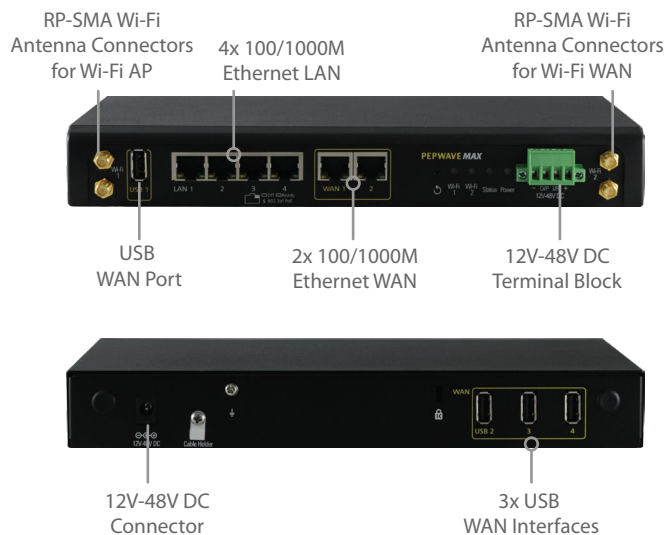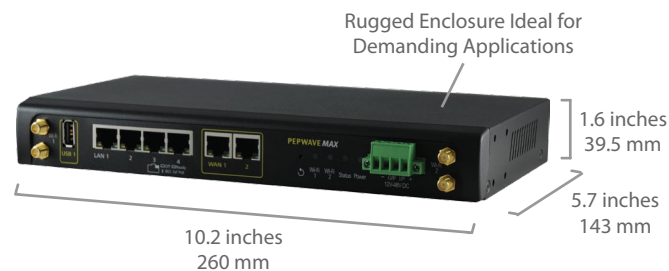
Certified Toughness

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

Specifications

WAN Interface	4x USB Interfaces 2x GE
LAN Interface	4x GE
W-Fi Interface	802.11a/b/g/n 300Mbps Wi-Fi WAN 802.11ac/a/b/g/n 866Mbps Wi-Fi AP
Wi-Fi AP Operating Frequency	2412 – 2472 MHz or 5180 - 5825 MHz
Simultaneous Dual-Band Wi-Fi AP	●
Router Throughput	200Mbps
PepVPN	●
SpeedFusion Hot Failover	●
SpeedFusion Bandwidth Bonding	●
Number of PepVPN/SpeedFusion Peers	2
SpeedFusion Throughput (no encryption)	100Mbps
SpeedFusion Throughput (256-bit AES)	60Mbps
Wi-Fi Antenna	4x RP-SMA Connectors
Enclosure	Indoor Metal
Dimension	1.6 x 10.2 x 5.7 inches 39.5 x 260 x 143 mm
Weight	2.65 pounds 1.2 kg
Power Input	Device: 12V – 48V DC, 3A AC Adapter: AC Input 100V – 240V / DC Output 12V Terminal Block: 12V – 48V DC, 3A
Power Consumption	28W (max.)
Power Output	Up to four 802.3af PoE Outputs*
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
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

*PoE Activation Kit is available separately.

Rugged Enclosure Ideal for Demanding Applications

1.6 inches
39.5 mm

5.7 inches
143 mm

10.2 inches
260 mm

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi AP

4x 100/1000M Ethernet LAN

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi WAN

USB WAN Port

2x 100/1000M Ethernet WAN

12V-48V DC Terminal Block

12V-48V DC Connector

3x USB WAN Interfaces

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

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

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
Hardware NAT
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

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.

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