Specifications

	PDX
WAN Interface	2x GE Ports* 4x Embedded LTE-A Modems with Redundant SIM Slots 1x USB 2.0 Interface ^{&}
LAN Interface	7x GE Ports*
Wi-Fi Interface	802.11ac/a/b/g/n, 1166 Mbps 2x2 MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band
PDX Throughput	2.5 Gbps
PepVPN Throughput (No Encryption)	600 Mbps
PepVPN Throughput (256-bit AES)	500 Mbps
LTE-A Pro Modems	Downlink/Uplink Per Modem: 600 Mbps/150 Mbps
Recommended Users	50-500
Cellular and GPS Antennas	8x Cellular Antennas (Embedded) 1x GPS Antenna (Embedded) 4x Wi-Fi Antennas (Embedded)
Power Input	DC: 12V - 56V, AC: 100V - 240V
Power Output	Up to 7x 802.3at PoE, 4x USB Power Outputs
Power Consumption	38W (max.)
Dimensions	19.7 x 14.8 x 7.7 inches 500 x 375 x 195 mm
Weight	28.7 pounds 13 kg
Operating Temperatu	re -40° - 113°F -40° - 45°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, IC, CE, 7.7G Vibration resistance, MIL-STD-810H 514.8E-1 Cat24, IP55/65^, Verizon, FirstNet [%]
Warranty	1-Year Limited Warranty
Package Content	PDX 1x Special Power Cord for PDX (ACW-645) 1x Special Car Plug for PDX (ACW-646) (Batteries not included)
* 2x GE port is configured a	as a LAN port by default, configuration is changeable on the Web Admin

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IP55 certification testing in progress.
Tests completed, under FirstNet final review.

& Any one out of the four available ports can serve as a single USB WAN port.

Ordering Information

	Product Code	Carrier/ Region	Embedded Modems	4G Bands	3G Bands
LTEA Pro	PDX-LTEA-R-T	America / CAT-12	4	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14 , B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, B48, B66	B1, B2, B4, B5, B6, B8, B9, B19
	PDX-LTEA-K-T	Global / CAT-12	4	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28 , B29, B30, B32, B41, B42, B43, B46, B48, B66	B1, B2, B4, B5, B6, B8, B9, B19

Feature Add-on

Product Code	Description
PDX-BAT-KIT	Pepwave PDX Battery Kit, 1x Metal Clamp, 1x Power Cable, 2x M3 Scr, 98Wh, 14.4V
SFE-PDX-KIT	SpeedFusion Engine Duo Accessory Kit for PDX (include: 1x metal bracket, 1x Eth cable, 1x power cable w 2x terminal blocks, 4x MMCX - SMA antenna cables, 4x antenna)

PDX Ruggedized Portable One-Device Cellular Connectivity

All-In-One Connectivity

The PDX has a quad-cellular router, antennas, and batteries all seamlessly integrated into a rugged enclosure. If you want more cellular connections and frequencies, the PDX can also integrate SpeedFusion Engines.

OLED Status Display

Ports*

2x LAN/ WAN External

4x Embedded Cellular

> .7 inches 195 mm

System

Indicator DC Input 2x LAN/ WAN External Ports

AC Input

2x LAN PoE Ports

1x USB 2.0 Interface

with power output &

9.7 inches

500 mm

Modems 4x Redundant SIM Slots

2x WAN Ports

Left Side

Batterv Indicator

Right Side

14.8 inches

375 mm

Slot 1/2/3 Port Patch

1x USB 2.0 Interface with power output

Embedded

Antenna



Instantly Connect from Anywhere



Traffic Steering

Apply different SpeedFusion VPN technologies to traffic from different applications. Apply Hot Failover to ERP traffic while applying WAN Smoothing to VoIP and Videoconferencing.



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Easy to Use: Configure in a matter of minutes, deploy in a matter of seconds.

Battery Powered: The PDX has optional batteries, so it can operate independently for up to 9 hours.

Built Tough: Rated at 7.7G vibration resistance by the military MIL-STD-810H standard. Wide -40° - 113°F (-40° - 45°C) Temperature range.

