EPX

Extreme Performance SD-WAN Platform

• At a Glance •

8-56x[*] Ethernet WAN
(Gigabit Ethernet)

8-56x[*] Ethernet LAN
(Gigabit Ethernet)

4-28x[*] SFP+ Ports

30 Gbps Stateful Firewall Throughput

2 Gbps PepVPN Throughput
(256-bit AES)

Up to **4000** VPN Peers

Up to **24** Cellular Connections
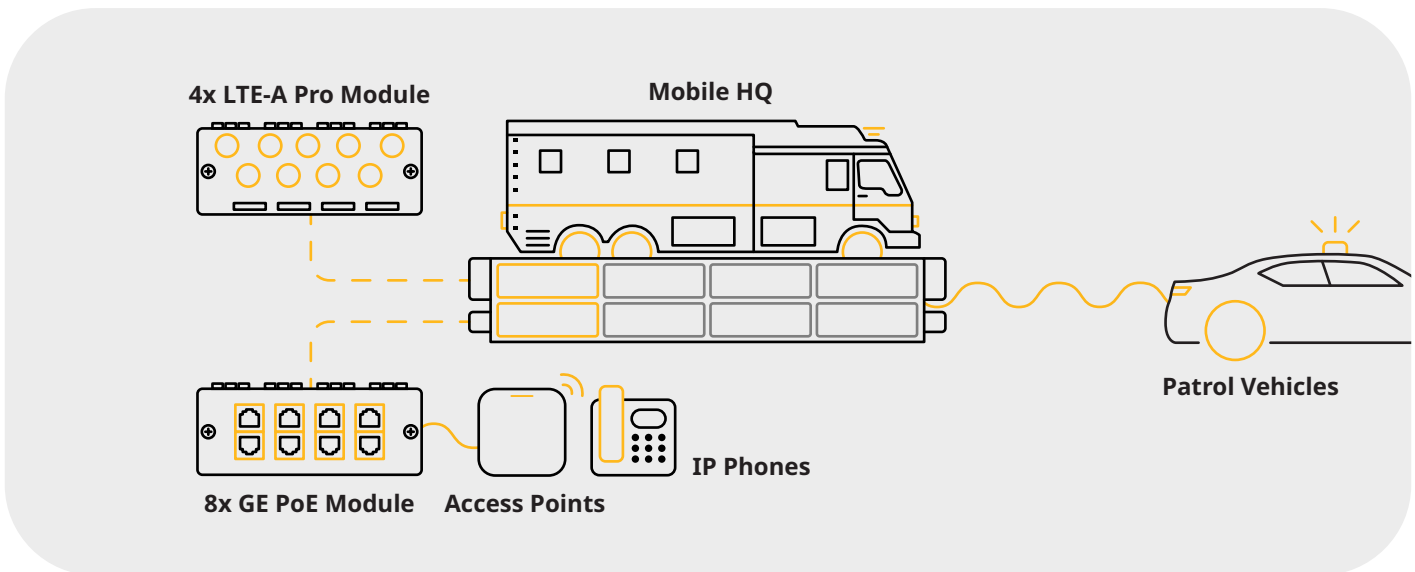
[*] With Expansion Module: EXM-4F, EXM-8C

EPX

EPX-M8

Specifications

WAN Interface	4-28x 10G SFP+ Ports 8-56x GE Ports	**Maximum Number of APs Supported**	2000
LAN Interface	8-56x GE Ports with PoE+ Output	**High Availability**	Yes
Router Throughput	30 Gbps	**Dimensions**	18.9 x 21.7 x 3.6 inches / 480 x 550 x 90 mm
PepVPN / SpeedFusion Throughput#	No Encryption: 4 Gbps 256-bit AES: 2 Gbps	**Weight (No Modules)**	31.3 pounds / 14.2 kg
Recommended Users	5000-20000+	**Operating Temperature**	32° – 113°F / 0° – 45°C
Max PepVPN/ SpeedFusion Peers	4000	**Humidity**	5% – 90% (non-condensing)
Power Input	AC Input 100V - 240V	**Certifications**	FCC, IC, CE EN 50155: Railway Applications EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance EN 50121: Rolling Stock EMC, Signalling and Telecom Apparatus
PoE Output	8x 802.3at PoE+ Output		
Power Consumption	300W System and module, 330W PoE+ Power Budget	**Warranty**	1-Year Limited Warranty
Number of IPsec Tunnels	1000	**Package Content**	EPX Main Chassis with OLED module Rack mounting kit with brackets and slide
802.1q VLANs Supported	1024		
Drop-In Mode	Yes		
Recommended PPTP/L2TP/OpenVPN Users	1000		

Ordering Information

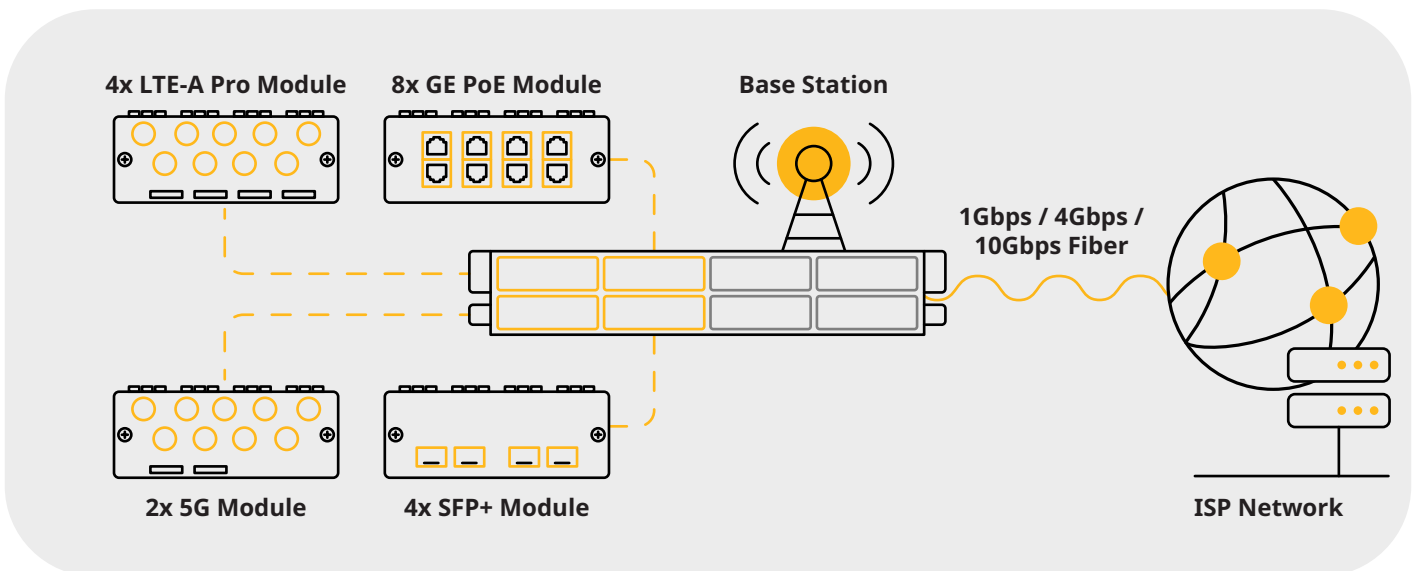| Product Code	Descriptions
EPX-M8	EPX Base Model, 1x OLED Module
EXM-LCDT	Expansion Module with 1TB SSD, Features Content Hub, Docker Support and OLED Controls (Replaces existing OLED module)
EPX-LC-MFA	License Key to enable MediaFast with Content Hub & Docker (Requires own disk drive to mount to the OLED Module)

by using 10G WAN fiber

Use Cases

4x LTE-A Pro Module

Mobile HQ

Patrol Vehicles

8x GE PoE Module **Access Points** **IP Phones**

- **Rapidly Deployable, Scalable, Unbreakable Connectivity for Mobile Command.**

Equipped with an EPX, mobile headquarters can combine private LTE, commercial LTE and satellite links to form a fast, unbreakable VPN connection to headquarters and to patrol vehicles. With this configuration, patrol vehicles benefit from increased cellular converage.
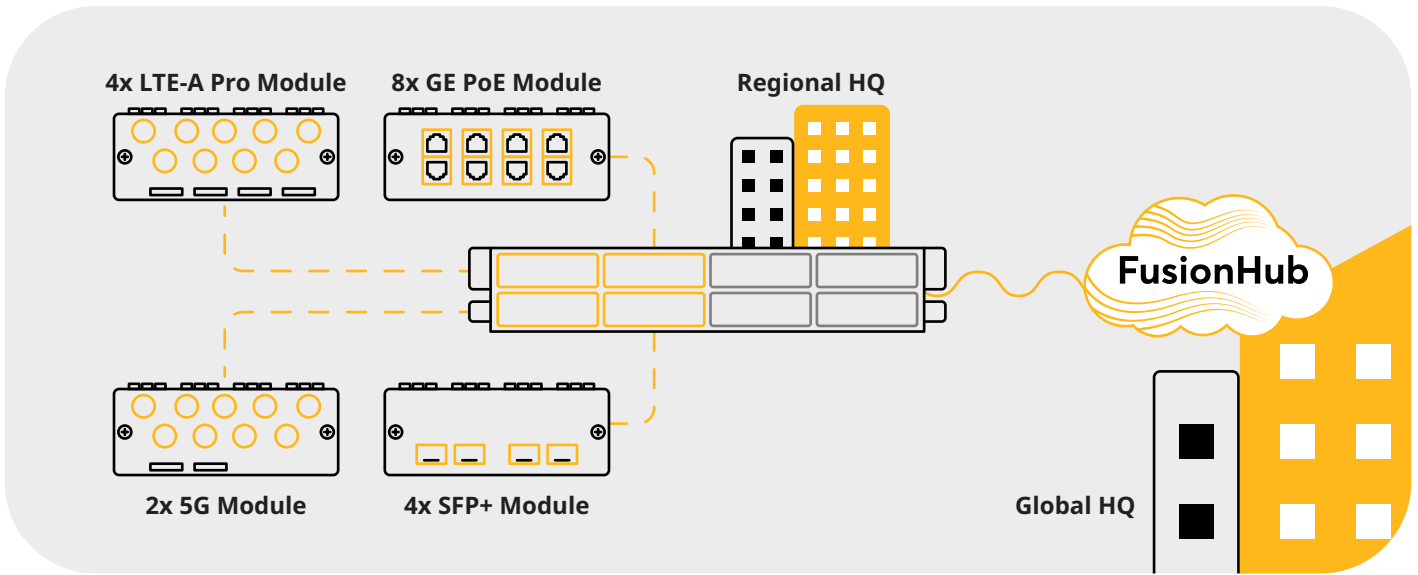
Even if they are outside the range of one cellular provider, they will still be in within the range of others. In addition, each cellular modem supports 2 SIM cards, effectively doubling the number of providers supported.

4x LTE-A Pro Module **8x GE PoE Module** **Base Station**

1Gbps / 4Gbps / 10Gbps Fiber

2x 5G Module **4x SFP+ Module** **ISP Network**

- **Add Flexible SD-WAN Backhaul to Any Network**

Whether providing Internet service with a SLA, or building a video surveillance streaming network, ensuring service continuity is crucial.
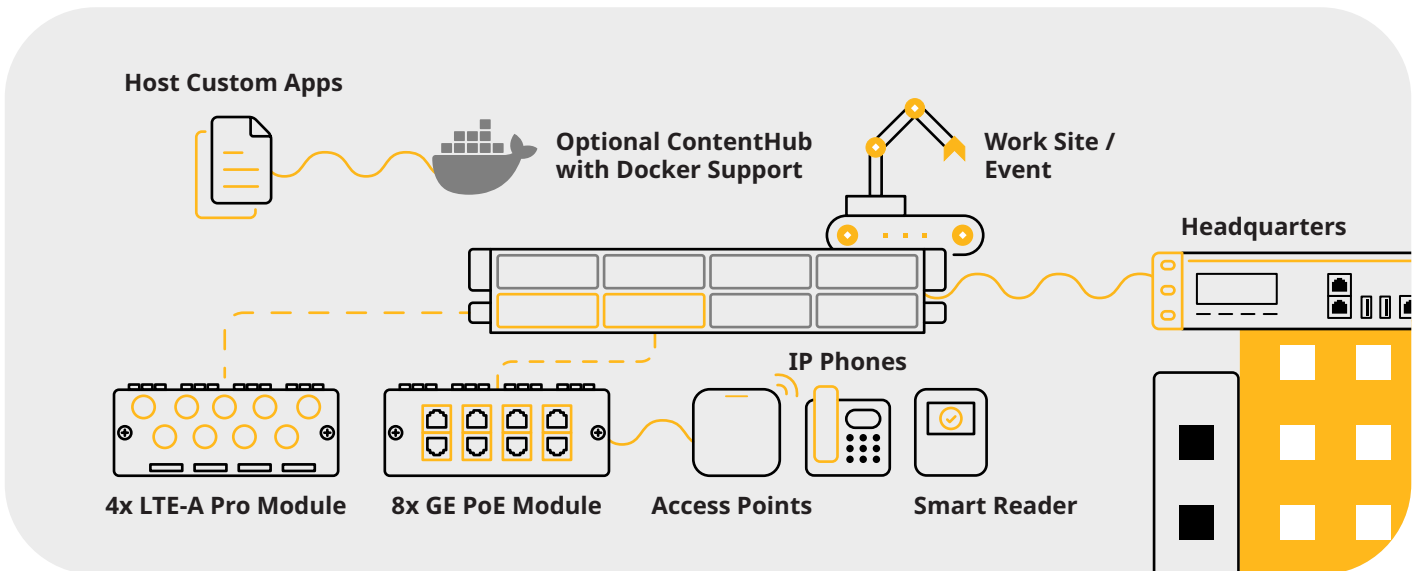
The EPX enables service providers to build a flexible SD-WAN backhaul to the main network, incorporating as many Ethernet, Fiber, and cellular links as needed to provide fast and solid connectivity. What's more, Peplink's cloud-based management software provides you with complete visibility and control of WAN usage.

Use Cases

peplink

4x LTE-A Pro Module **8x GE PoE Module** **Regional HQ**

2x 5G Module **4x SFP+ Module**

FusionHub

Global HQ

- **Futureproof, Scalable, Unbreakable Cellular Backup for Regional Offices.**

With its modular construction, the EPX enables regional offices to add WAN connections of any type as they grow in size. With the ability to add cellular modules, the EPX also provides as much cellular connectivity as needed for the company network to operate at full speed even if land lines lose connectivity.

And 5G module is always your unmatchable add-on solution to optimize your enterprise network with blazing-fast speed and 5G backup connectivity.

Host Custom Apps

Optional ContentHub with Docker Support

Work Site / Event

Headquarters

IP Phones

4x LTE-A Pro Module **8x GE PoE Module** **Access Points** **Smart Reader**

- **Instant Connectivity and Application Hosting for Work Sites and Events**

Getting a connection to a work site or to an event normally involves building a landline, potentially taking months. With the EPX, temporary sites could get connected in minutes.

The EPX can combine up to 24 cellular connections for high-definition video streaming and high-volume data transfers. The EPX can also host docker containers, giving you the ability to host your own custom apps onsite to simplify management.