



# SDX Pro



### Works With

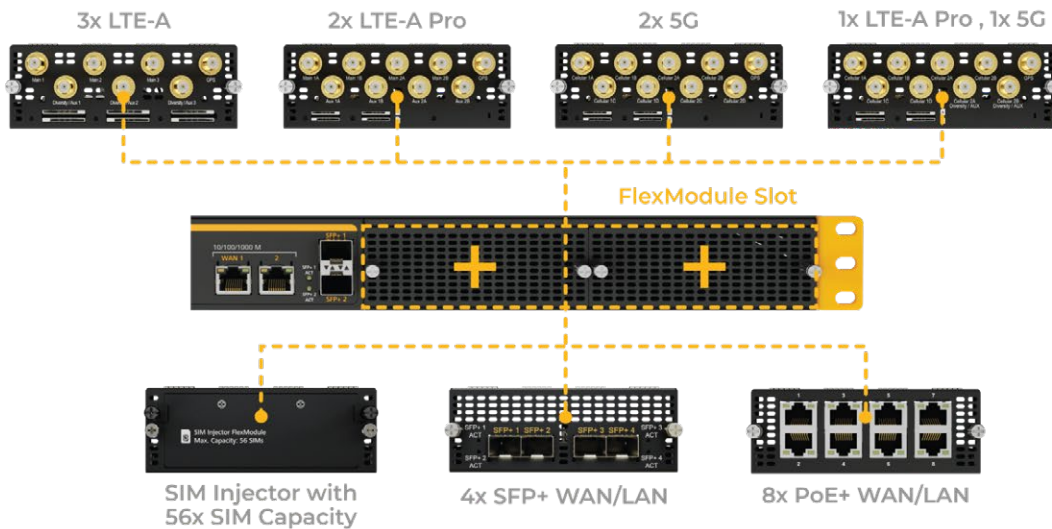


And worldwide 4G LTE/3G carriers

## Modular SD-WAN Router with Edge Computing Capability

In addition to the power of the SDX, the SDX Pro offers greater flexibility and functionality. It has two FlexModule slots, enabling you to customise the device with different modules to suit any deployment. It supports edge computing so it can deliver websites, applications, and docker containers to connected devices.

## Modular System. Ensure Flexibility

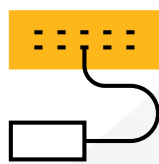


Insert a cellular module and a GE or SFP+ module to provide cellular failover for branch networks. Insert a SIM Injector module to dynamically allocate up to 56 SIM cards. New FlexModules are in development, making this device futureproof.



### 4G/5G cellular WAN

Add 4G/5G backup to enterprise networks. Add multiple cellular FlexModules for fast and unbreakable connectivity anywhere.



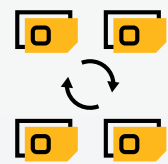
### 8x copper WAN/LAN

Connect PoE-enabled modems on the WAN, or connect PoE devices such as cameras, IP phones, and Wi-Fi APs on the LAN.



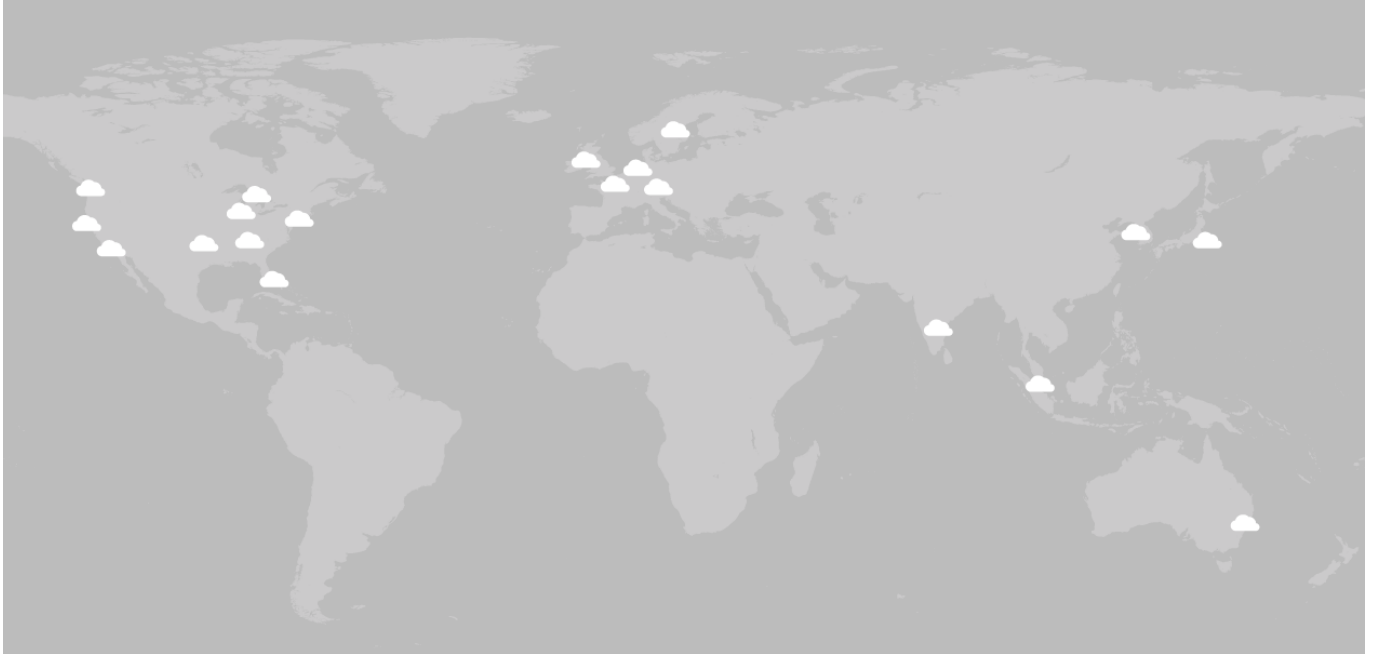
### 4x fiber WAN/LAN

Build an all-Fiber network by connecting Fiber WANs and LAN Switches.



### 56x SIM Capacity

Virtually deliver SIM cards from the FlexModule to Peplink cellular routers anywhere. Supports up to 56 SIM cards.



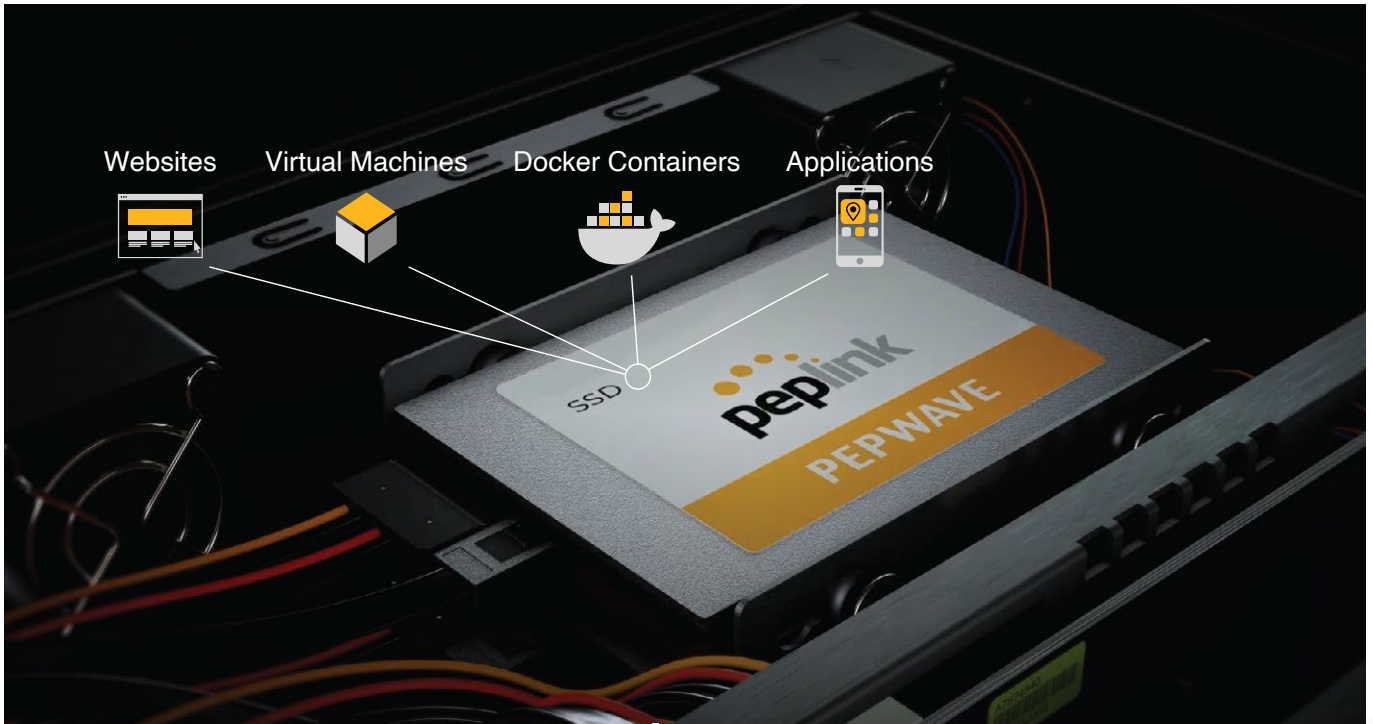
## Ready-Built Infrastructure

Your SDX Pro comes ready to connect to the SpeedFusion Cloud: a global network of secure endpoints with unique capabilities. Use the SpeedFusion Cloud as an unbreakable worldwide VPN, saving setup and maintenance costs.



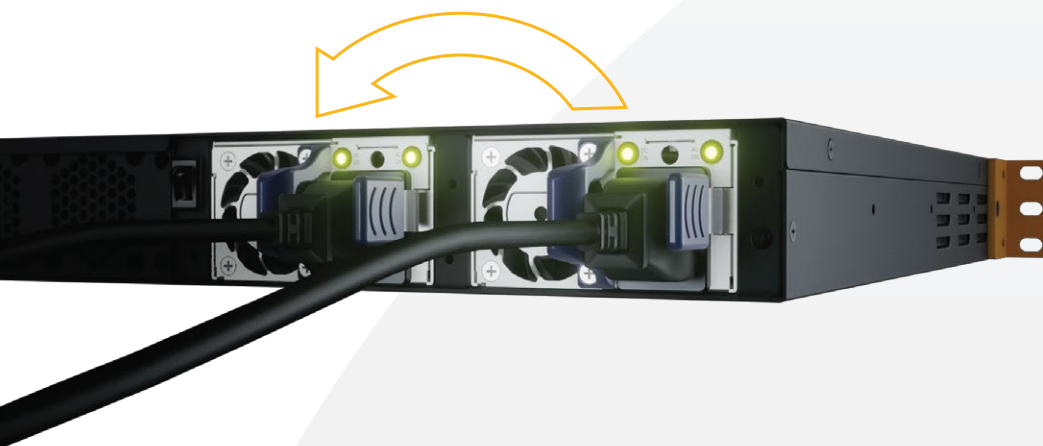
## High Throughput

The SDX Pro has enough throughput to handle any high-bandwidth enterprise branch or mobile deployment.



## Edge Computing Capable

The SDX Pro is a one-box hosting solution that can deliver Docker containers, applications, and websites to its local network. By hosting resources near the network edge, you can reduce latency and make applications more responsive.



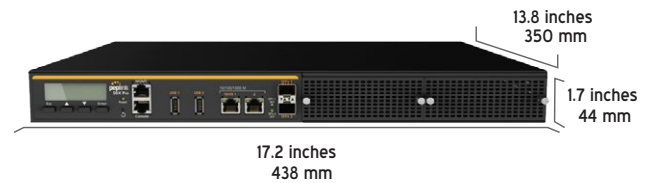
## Uninterruptible Power

The SDX Pro is equipped with two power inputs and two hot-swappable power supplies. Only one of each is needed to function, ensuring continuous power delivery even if a cable gets disconnected or if a power supply drops out for any reason.

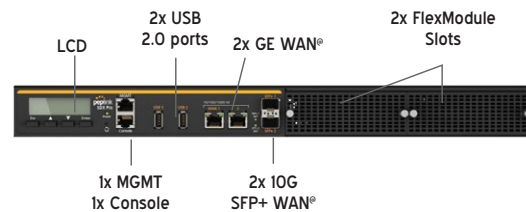
## BASE CHASSIS

### SDX Pro Main Chassis (BPL-SDX-PRO-M2)

- **WAN Interface:** 2x 10G SFP+ Ports<sup>®</sup>, 2x GE Ports<sup>®</sup>, 2x USB 2.0 Ports for Secure OOBM, 2x FlexModules (Optional)
- **Router Throughput:** 24 Gbps
- **PepVPN/SpeedFusion Throughput<sup>#</sup>:** No Encryption: 1 Gbps, 256-bit AES: 600 Mbps
- **Recommended Users:** 500-2000
- **Max. PepVPN/SpeedFusion Peers:** 300
- **Power Input:** AC Input 100V - 240V
- **Power Consumption:** 140W System\*, 420W PoE+ Power Budget
- **Dimensions:** 438 x 350 x 44 mm
- **Weight (No Modules):** 7.2 kg
- **Operating Temperature:** 0° – 40°C
- **Humidity:** 10% – 85% (non-condensing)
- **Certifications:** FCC, IC, CE
- **Warranty:** 1-Year Limited Warranty
- **Package Content:**  
SDX Pro Base Chassis  
1U 19" Rack-mount Chassis  
1x Rubber Foot Pack  
2x Power Cords  
1x L-mount Set



Front



Back



® WAN ports are configured as a LAN ports by default, configuration is changeable on the Web Admin

# by using 10G WAN fiber

\* 140W consumption for the main chassis, 20W consumption for the optional module.

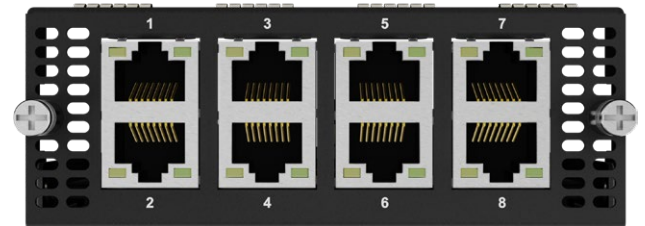
## ORDERING INFORMATION

Product Code	Description
BPL-SDX-PRO-M2	SDX Pro Base Model, No Expansion module, 500GB SSD, 2x GE WAN/LAN Ports, 2x 10GE SFP+ WAN/LAN ports, 2x USB WAN
BPL-SDX-PRO-M2-1TB	SDX Pro Base Model, No Expansion module, 1TB SSD, 2x GE WAN/LAN Ports, 2x 10GE SFP+ WAN/LAN ports, 2x USB WAN
BPL-SDX-PRO-M2-2TB	SDX Pro Base Model, No Expansion module, 2TB SSD, 2x GE WAN/LAN Ports, 2x 10GE SFP+ WAN/LAN ports, 2x USB WAN

## EXPANSION MODULES FOR SDX PRO

### 8x GE PoE+ Module (EXM-8C)

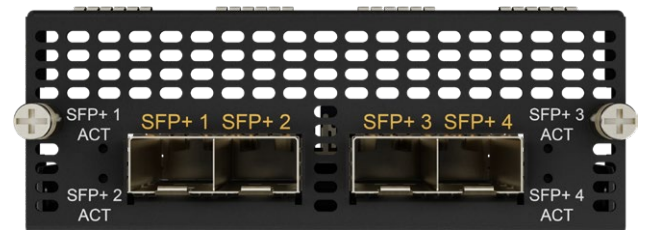
- **Interface:** 8x 10/100/1000M Ethernet Ports\* Capable of PoE+
- **Power Consumption:** 15W (MAX. 240W, 30W /PoE+ port, total 8 PoE+ ports)
- **Weight:** 475 grams



8x GE PoE+ Module (EXM-8C)

### 4x SFP+ Module (EXM-4F)

- **Interface:** 4x SFP+ Ports\*
- **Power Consumption:** 11W
- **Weight:** 375 grams



4x SFP+ Module (EXM-4F)

### SIM Injector FlexModule (EXM-SIM-BK56)

- **SIM Slot Capacity:** 56 4FF Nano SIM Cards
- **Power Consumption:** 15W
- **Weight:** 600 grams

\* Module can be configured with LAN or WAN ports as needed.



SIM Injector FlexModule (EXM-SIM-BK56)

## ORDERING INFORMATION

Product Code	Description
EXM-8C	Expansion Module with 8x GE PoE ports
EXM-4F	Expansion Module with 4x SFP+ ports
EXM-SIM-BK56	Expansion Module with 56 SIM slots

### 3x LTE-A Module (EXM-3LTEA)

- **Interface:** 3x Embedded LTE-A Cellular Modems with Redundant 2FF Mini SIM Slots
- **Antenna Connectors:** 6x SMA Cellular Antenna Connectors, 1x SMA GPS Antenna Connector
- **Downlink/Uplink Data Rate:** 300Mbps/50Mbps (CAT-6), 600Mbps/150Mbps (CAT-12)
- **Power Consumption:** 20W
- **Weight:** 375 grams



3x LTE-A Module (EXM-3LTEA)

### 2x LTE-A Pro Module (EXM-2GLTE-G)

- **Interface:** 2x Embedded LTE-A Cellular Modems with Redundant 4FF Nano SIM Slots
- **Antenna Connectors:** 8x SMA Cellular Antenna Connectors, 1x SMA GPS Antenna Connector
- **Downlink/Uplink Data Rate:** 1.2 Gbps/150 Mbps
- **Power Consumption:** 20W
- **Weight:** 375 grams



2x LTE-A Pro Module (CAT-18)

## ORDERING INFORMATION

Product Code	Description
EXM-3LTEA-P	Expansion Module with 3x LTE-A modems (CAT-6)
EXM-3LTEA-K	Expansion Module with 3x LTE-A Pro modems (CAT-12)
EXM-2GLTE-G	Expansion Module with 2x LTE-A Pro modems (CAT-18)

## BANDS

Product Code	Carrier / Category	Embedded Modem	4G Bands	3G Bands
EXM-3LTEA-P	Asia Pacific / CAT-6	3	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	B1, B5, B6, B8, B9, B19, B39
EXM-3LTEA-K	Global / CAT-12	3	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
EXM-2GLTE-G	Global / CAT-18	2	B1, B3, B25(B2), B66(B4), B26(B5/B18/B19), B7, B8, B12(17), B13, B14, B20, B28, B29, B30, B32, B71, B38, B39, B40, B41, B42, B43, B46, B48	B1, B2, B4, B5(B19), B8

### 2x 5G Module (EXM-2X5G)

- **Interface:** 2x Embedded 5G/4G/3G Multi-mode Modems with Redundant 4FF Nano SIM Slots
- **Antenna Connectors:** 8x SMA Cellular Antenna Connectors, 1x SMA GPS Antenna Connector
- **Downlink/Uplink Data Rate:** 5G: 3.4Gbps/200Mbps, LTE: 2Gbps/150Mbps
- **Power Consumption:** 20W
- **Weight:** 375 grams



2x 5G Module (CAT-20)

### 1x LTE-A Pro Module, 1x 5G Module (EXM-1X5G-1GLTE-G)

- **Interface:** 1x Embedded 5G/4G/3G Multi-mode Modems with Redundant 4FF Nano SIM Slots
- **Antenna Connectors:** 8x SMA Cellular Antenna Connectors, 1x SMA GPS Antenna Connector
- **Downlink/Uplink Data Rate:** 5G: 3.4Gbps/200Mbps (5G module), LTE: 2Gbps/150Mbps (5G module), 1.2 Gbps/150 Mbps (4G module)
- **Power Consumption:** 20W
- **Weight:** 375 grams



1x LTE-A Pro Module (CAT-18),  
1x 5G Module (CAT-20)

## ORDERING INFORMATION

Product Code	Description
EXM-2X5G	Expansion Module with 2x 5G modems (CAT-20)
EXM-1X5G-1GLTE-G	Expansion Module with 1x LTEA (CAT 18), 1x 5G modems





## BANDS

Product Code	Carrier / Category	Embedded Modem	4G Bands	3G Bands
EXM-2X5G	Global / CAT-20	2	5G Sub 6GHz : n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n40, n41, n48, n66, n71, n77, n78, n79	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71
EXM-1X5G-1GLTE-G	Cellular 1: Global /CAT-20  Cellular 2: Global /CAT-18	2	Cellular 1: 5G Sub 6GHz : n1, n2, n3, n5, n7, n8, n12, n20, n28, n38, n40, n41, n48, n66, n71, n77, n78, n79	Cellular 1: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B46, B48, B66, B71  Cellular 2: B1, B3, B25(B2), B66(B4), B26(B5/B18/B19), B7, B8, B12(17), B13, B14 , B20, B28, B29, B30, B32, B71, B38, B39, B40, B41, B42, B43, B46, B48

### Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.