

peplink | SDX Pro

具备边缘计算能力的模块化SD-WAN路由器

2个FlexModules提供灵活性和未来扩展性

最多支持8个蜂窝连接，实现无与伦比的连接性

24Gbps吞吐量，适用于企业部署

支持托管虚拟机和Docker容器

冗余电源供应，确保不间断供电

Ready for Anything

插入一个蜂窝模块和一个GE或SFP+模块，为分支网络提供蜂窝备份。插入一个SIM注入模块，动态分配多达56张SIM卡。新的FlexModules正在开发中，使这个设备具备未来扩展性。



4G/5G Module



SFP+ Module



GE Module With PoE+



SIM Injector



Ready-Built Infrastructure

您的SDX Pro配备了与SpeedFusion Cloud的连接功能：SpeedFusion Cloud是一个具有独特功能的全球安全终端网络。将SpeedFusion Cloud用作坚不可摧的全球性VPN，可节省设置和维护成本。

High Throughput



SDX Pro具有足够的吞吐量，可以处理任何高带宽的企业分支或移动部署。

Edge Computing Capable

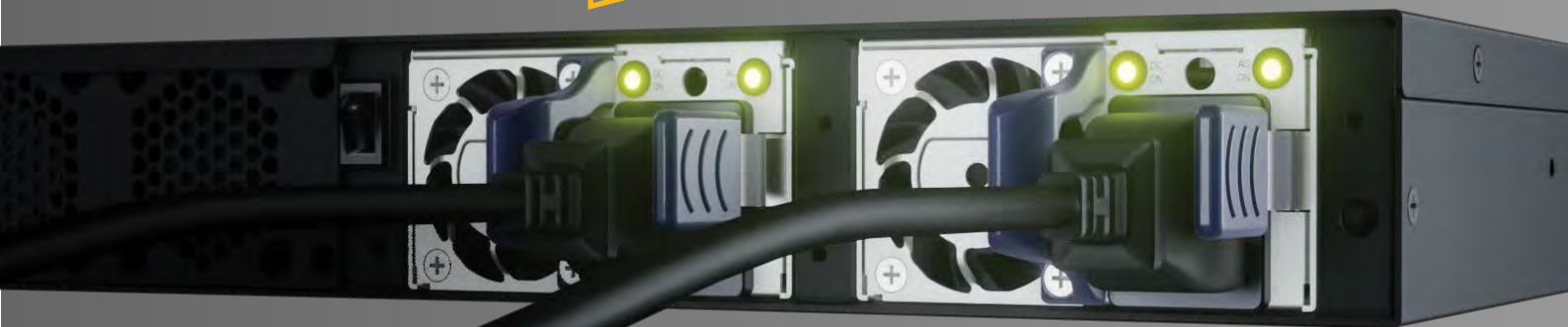
Websites Virtual Machines Docker Containers Applications



SDX Pro是一种一体化主机解决方案，可以将Docker容器、应用程序和网站传送到其本地环境。

通过在网络边缘部署托管资源，可以降低延迟并提高应用程序的响应速度。

Uninterruptible Power



The SDX Pro配备了两个电源输入和两个可热插拔的电源供应。只需一个输入和一个供应即可。

该功能可以确保持续的电源供应，即使电缆断开连接或电源供应出现问题也不会中断。



Specifications

WAN Interface	2x 10G SFP + Ports 2x GE Ports 2x USB 2.0 Ports for Secure OOBM 2x FlexModules (Optional)	Drop-In Mode	Yes
Router Throughput	24 Gbps	Maximum Number of APs Supported	2000
PepVPN / SpeedFusion Throughput#	No Encryption: 1Gbps 256-bit AES: 600 Mbps	High Availability	Yes
Recommended Users	500-2000	Dimensions	17.2 x 13.3 x 1.7 inches / 438 x 340 x 44 mm
Max PepVPN/SpeedFusion Peers	800	Weight (No Modules)	15.9 pounds / 7.2 kg
Power Input	AC Input 100V - 240V	Operating Temperature	32° - 104°F / 0° - 40°C
Power Consumption	140W System* , 420W PoE+ Power Budget	Humidity	5% - 90% (non-condensing)
Number of IPsec Tunnels	500	Certifications	FCC, IC, CE
802.1q VLANs Supported	1024	Warranty	1-Year Limited Warranty
		Package Content	Balance SDX Pro SDX Pro Base Chassis 1U 19" Rack-mount Chassis (ACW-752) L-mount Set (ACW-750) 2x Power Cord (ACW-614) Rubber Foot Pad set

Ordering Information

Product Code	Descriptions
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

© 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.



Software

Peplink Balance Firmware

WAN

Support for PPPoE, Static IP, DHCP
WAN Link Health Check

- PING
- DNS Lookup
- HTTP

Bandwidth Allowance Monitor
IPv6 Support
USB 4G/3G Modem Support
Support for Dynamic DNS services

- changeip.com
- dyndns.org
- no-ip.org
- tzo.com
- DNS-O-Matic

WAN Port Convertible into LAN Port

LAN

DHCP Server for LAN Clients
Extended DHCP Option
DHCP Reservation
DNS Proxy for LAN Clients
VLAN on LAN Support

Load Balancing

Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

- Weighted
- Enforced
- Persistence
- Priority
- Overflow
- Least Used
- Lowest Latency

Security

DoS Prevention
Stateful Firewall
Web Blocking

Complete VPN Solution

PepVPN/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

PPTP VPN Server
RADIUS, LDAP Authentication
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

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
BGP, OSPFv2 and RIPv2 Support

DNS

Built-in Authoritative DNS
Support for A, CName, NS, MX, PTR, SOA, SRV, TXT records

Power Requirement

Universal Input 100V - 240V AC

Edge Computing

ContentHub

- Video caching
- iTunes
- iTunes U
- TED.com
- Content Caching
- HTML
- JavaScript
- Image
- Flash Applications

Docker
Kernel-based Virtual Machine (KVM)

AP Controller

Support for Pepwave AP Series
Auto AP Discovery
Auto AP Firmware Management
AP Profile Configuration
Wi-Fi Usage Statistics

Captive Portal

Support for Wired and Wireless LAN Clients
Support RADIUS Authentication
Support LDAP Authentication
Time and Usage Quotas on Open Access Mode
Built-in Customizable Splash Page

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

* Only valid for customers who have purchased Peplink Balance devices directly from Peplink. All specifications are subject to change without notice.