



Quick Look

Number of Ethernet WAN port	2 (GE)	
Number of Ethernet LAN port	8 (GE)	
Router Throughput	200Mbps ^[1]	[1] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (No Encryption)	150Mbps ^[1]	[1] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (256-bit AES)	80Mbps ^[1]	[1] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
Number of Cellular Modem	No	

Interfaces

Maximum Ethernet WAN / LAN port configuration	2 WAN with 8 LAN
SFP LAN / WAN	No
Serial Interface	No
Wi-Fi AP	Yes
Wi-Fi WAN	No
USB WAN	Yes (1x USB)

Module Expansion	No
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Performance

Maximum Number of Controlled AP / Switch	50
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Number of Recommended Users	25–150
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Wireless details

Cellular Modem Category options	No
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5G support	No
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SIM Slots	No
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SIM Card Size	No
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Wi-Fi Radio	Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 5
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Wi-Fi Antenna Transmit Power (2.4GHz, single chain)	NA
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Wi-Fi Antenna Transmit Power (5GHz, single chain)	NA
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Multiple SSIDs	16
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GPS	No
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RemoteSIM (used in SIM Injector)	No
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FusionSIM	No
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Peplink eSIM Data Plans	No
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BYO eSIM	No
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Features

SpeedFusion Hot Failover	Yes ^[2]
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^[2] Require SpeedFusion Bonding License Key for MediaFast 200.

SpeedFusion Smoothing	Yes ^[2]	[2] Require SpeedFusion Bonding License Key for MediaFast 200.
SpeedFusion Bandwidth Bonding	Yes ^[2]	[2] Require SpeedFusion Bonding License Key for MediaFast 200.
SpeedFusion Connect	Yes ^[3]	[3] CarePlan subscription includes 500GB/year complimentary SpeedFusion Connect Usage data.
SpeedFusion Relay Mode (Server)	Yes	
Drop-In Mode	Yes	
High Availability	Yes	
Peplink AP Series Management	Yes	
Remote AP & Multiple Config Profiles Management	No	
Switch Controller	Yes	
WAN as LAN	No	
LAN Bypass	No	
InTouch	Yes	
Virtual WAN	Yes	
Synergy Mode (Controller)	Yes	
Synergized Device	Yes	
Application and Web Blocking	Yes	
Web Content Filtering	Lite	
IP Passthrough	Yes	
IPv6	Yes	
x.509 Certificate	Yes	
Captive Portal	Yes	

GPIO	No
Ignition Sensing	No
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	No
Jumbo Frame Support	No
Internal Storage for Edge Computing	Yes (128GB)
External Storage via USB Port	No
Dead Reckoning	No

Core Functionality

Inter-VLAN Routing	Yes	
802.1q VLANs Supported	128	
Port-Based VLAN	Yes	
Load Balancing & Failover	Optional as an upgrade ^[2]	[2] Require SpeedFusion Bonding License Key for MediaFast 200.
Load Balancing Algorithms	Optional as an upgrade ^[2]	[2] Require SpeedFusion Bonding License Key for MediaFast 200.
Inbound Load Balancing	Yes	
InControl 2 Cloud Management	Yes	
InControl GPS Fleet Management	No	

Advanced QoS Functionality

Bandwidth Usage Monitoring	Yes
QoS for VoIP and E-Commerce	Yes
User Groups Bandwidth Control	Yes

VPN Functionality

SpeedFusion VPN	Yes	
Number of SpeedFusion VPN Peers	3 or 5 or 20 ^[4]	[4] PepVPN/SpeedFusion Peers license, it can change the maximum number of PepVPN/SpeedFusion peer.PVN-LC-05. Up to 5 PepVPN/SpeedFusion peers.PVN-LC-10. Up to 10 PepVPN/SpeedFusion peers.PVN-LC-20. Up to 20 PepVPN/SpeedFusion peers.
IPsec VPN	Yes	
Number of IPsec Tunnels	5	
L2TP VPN / Open VPN / PPTP VPN Server	Yes	
Maximum PPTP / L2TP / OpenVPN Users	15	
Remote RADIUS / LDAP authentication in Remote User Access	Yes	
Number of OpenVPN Tunnel (Site to Site)	5	
Number of GRE Tunnel (Site to Site)	5	

Hardware

Enclosure	Indoor, Metal
4pin Molex Micro-Fit Connector	No
Terminal Block Power Connector for Mobile / Vehicular Deployment	No
AC Adapter or PSU	
Input voltage	DC 12–24V
PoE Input	No
PoE Output	Up to 8x 802.3at PoE+

USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	38W
Dimensions in inches	11.5 x 6.9 x 1.9 inches
Dimensions in mm	292 x 177 x 44 mm
Weight (Pound)	6.17 pounds
Weight (Gram / Kilogram)	2.8 kg
Operating Temperature	32°–104°F, 0°–40°C
Humidity	15% – 95% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

Warranty Info

Warranty	1-Year Limited Warranty
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