Tech Specs | Mobility Legacy • HD4 Mediafast

Quick Look

Number of Ethernet WAN port
2–5 (GE)
[1]
[1] Extra WAN requires WAN port activation license (MAX-HD4-LC-5WAN).
Number of Ethernet LAN port
5–8 (GE)
Router Throughput
400Mbps
SpeedFusion VPN Throughput (No Encryption)
150Mbps
SpeedFusion VPN Throughput (256-bit AES)
120Mbps
Number of Cellular Modem
4

Interfaces

Maximum Ethernet WAN / LAN port configuration
5 WAN with 5 LAN, 2 WAN with 8 LAN
SFP LAN / WAN
No
Serial Interface
No
Wi-Fi AP
Yes
Wi-Fi WAN
Yes
USB WAN
Yes (1x USB)
Module Expansion
No

Performance

Number of Recommended Users
50–500
Maximum Number of AP Supported
30 / 50
[2]
[2] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options
4x CAT-4, 4x CAT-6
5G support
No
SIM Slots
8
SIM Card Size
Mini-SIM (2FF)
Wi-Fi Radio
Dual (2.4GHz + 5GHz), 2x2 Wi-Fi 5
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)
23dBm
Wi-Fi Antenna Transmit Power (5GHz, single chain)
21dBm
Multiple SSIDs
16
GPS
Yes
RemoteSIM (used in SIM Injector)
No
FusionSIM
No
Peplink eSIM Data Plans
No
BYO eSIM
No

Features

SpeedFusion Hot Failover
Yes
SpeedFusion Smoothing
Yes
SpeedFusion Bandwidth Bonding
Yes
SpeedFusion Connect
Yes
SpeedFusion Relay Mode (Server)
Yes
Drop-In Mode
Yes
High Availability
Yes
Peplink AP Series Management
Yes
Remote AP & Multiple Config Profiles Management
No
WAN as LAN
Yes

LAN Bypass
No
InTouch
Yes
Virtual WAN
Yes
[3]
[3] Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.
Synergy Mode (Controller)
Yes
Synergized Device
Yes
Application and Web Blocking
Yes
Web Content Filtering
Lite
IP Passthrough
Yes
[4]
[4] Available for Firmware 8.5.0 or above.
IPv6
Yes
x.509 Certificate
Yes
Captive Portal
Yes
GPIO
No
Ignition Sensing
No
Netflow support
Yes
LACP (802.3ad) NIC Bonding
No
Internal Storage for Edge Computing
Yes
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 Algorithms
8
Load Balancing & Failover
Yes
Inbound Load Balancing
No
InControl 2 Cloud Management
Yes
InControl GPS Fleet Management
Yes

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
2 or 20
[5]
[5] Require license to increase maximum number of PepVPN/SpeedFusion Peers. Several option are available based on the model 5, 10 or 20 peers (PVN-LC-05, PVN-LC-10, PVN-LC-20).
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
Yes
AC Adapter or PSU
AC Input 100V–240V, DC Output 12V 4.2A
Input voltage
DC 12–56V
PoE Input
No
PoE Output
Up to 8x 802.3af PoE
[6]
[6] Require PoE Activation Kit. Includes power supply and license to enable 802.3af PoE Output Ports.
USB Power Input
No
Nominal Power Consumption
NA
Maximum Power Consumption
38W (w/o PoE)
Dimensions in inches
1.9 x 11.5 x 6.9 inches
Dimensions in mm
50 x 292 x 177 mm
Weight (Pound)
4.20 pounds

Weight (Gram / Kilogram)
1.9 kg
Operating Temperature
-40°–149°F, -40°–65°C
Humidity
15%–95% (non-condensing)
Rack-mount
No
Dual Hot Swap Power Supply
No

Warranty Info

Warranty
1-Year Limited Warranty