Tech Specs | Enterprise Legacy • MediaFast 750

Quick Look

Number of Ethernet WAN port
2–7 (GE)
Number of Ethernet LAN port
3–8 (GE)
Router Throughput
2.5Gbps
SpeedFusion VPN Throughput (No Encryption)
400Mbps
SpeedFusion VPN Throughput (256-bit AES)
400Mbps
Number of Cellular Modem
No

Interfaces

Maximum Ethernet WAN / LAN port configuration
7 WAN with 3 LAN, 2 WAN with 8 LAN
SFP LAN / WAN
No
Serial Interface
No
Wi-Fi AP
No
Wi-Fi WAN
No
USB WAN
Yes (1x USB)
[1]
[1] 2x USB port but only one USB WAN port can be used at a time.
Module Expansion
No

Performance

Maximum Number of AP Supported
250
Number of Recommended Users
500–2000

Wireless details

Cellular Modem Category options
No
5G support
No
SIM Slots
No
SIM Card Size
No
Wi-Fi Radio
No
Wi-Fi Antenna Transmit Power (2.4GHz, single chain)
No
Wi-Fi Antenna Transmit Power (5GHz, single chain)
No
Multiple SSIDs
No
GPS
No
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
[2]
[2] 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
Yes
WAN as LAN
Yes

[3]
[3] WAN 1 and LAN 3
LAN Bypass
Yes
InTouch
Yes
Virtual WAN
Yes
Synergy Mode (Controller)
Yes
Synergized Device
Yes
Application and Web Blocking
Yes
Web Content Filtering
Full
IP Passthrough
Yes
IPv6
Yes
x.509 Certificate
Yes
GPIO
No
Captive Portal
Yes
Ignition Sensing
No
Netflow support
Yes
LACP (802.3ad) NIC Bonding
Yes
Internal Storage for Edge Computing
Yes (1TB)
External Storage via USB Port
Yes
[4]
[4] Require Firmware 8.4.0 or above. Support Docker and KVM.
Dead Reckoning
No

Core Functionality

Inter-VLAN Routing
Yes
802.1q VLANs Supported
1024
Port-Based VLAN
Yes
Load Balancing & Failover
Yes
Load Balancing Algorithms
8
Inbound Load Balancing
No
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
300
IPsec VPN
Yes
Number of IPsec Tunnels
200
L2TP VPN / Open VPN / PPTP VPN Server
Yes
Maximum PPTP / L2TP / OpenVPN Users
200
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
Power Cord (ACW-614)
Input voltage
AC 100–240V
PoE Input
No
PoE Output
No
USB Power Input
No
Nominal Power Consumption
NA
Maximum Power Consumption
70W
Dimensions in inches
16.9 x 11.9 x 1.8 inches
Dimensions in mm
431 x 305 x 44 mm
Weight (Pound)
12.1 pounds
Weight (Gram / Kilogram)
5.5kg
Operating Temperature
32°–104°F, 0°–40°C
Humidity

NA
Rack-mount
1U
Dual Hot Swap Power Supply
No

Warranty Info

Warranty
1-Year Limited Warranty