BR1 IP55

peplink

Quick Look

Number of Ethernet WAN port	**1 (GE)**
Number of Ethernet LAN port	**2 (GE)**
Router Throughput	**100Mbps**
SpeedFusion VPN Throughput (No Encryption)	**40Mbps**
SpeedFusion VPN Throughput (256-bit AES)	**20Mbps**
Number of Cellular Modem	**1**

Interfaces

Maximum Ethernet WAN / LAN port configuration	**1 WAN with 2 LAN, 0 WAN with 3 LAN**
SFP LAN / WAN	**No**
Serial Interface	**No**
Wi-Fi AP	**Yes**
Wi-Fi WAN	**Yes**
USB WAN	**No**

Module Expansion	**No**

Performance

Number of Recommended Users	**1–60**
Maximum Number of AP Supported	**No**

Wireless details

Cellular Modem Category options	**1x CAT-4,** **1x CAT-6**
5G support	**No**
SIM Slots	**2**
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)	**20dBm**
Wi-Fi Antenna Transmit Power (5GHz, single chain)	**21dBm**
Multiple SSIDs	**16**
GPS	**Yes**
RemoteSIM (used in SIM Injector)	**Yes (HW4+)**
FusionSIM	**Yes (HW4+)**
Peplink eSIM Data Plans	**No**
BYO eSIM	**No**

Features

SpeedFusion Hot Failover	**Yes**
SpeedFusion Smoothing	**No**
SpeedFusion Bandwidth Bonding	**No**
SpeedFusion Connect	**Yes** [1]
SpeedFusion Relay Mode (Server)	**Yes**
Drop-In Mode	**Yes**
High Availability	**Yes**
Peplink AP Series Management	**No**
Remote AP & Multiple Config Profiles Management	**No**
WAN as LAN	**Yes**
LAN Bypass	**No**
InTouch	**Yes (HW2+)**
Virtual WAN	**No**
Synergy Mode (Controller)	**Yes**
Synergized Device	**Yes**
Application and Web Blocking	**Yes**
Web Content Filtering	**Lite**
IP Passthrough	**Yes**

[1] CarePlan subscription includes 500GB/year complimentary SpeedFusion Connect Usage data.

IPv6	**No**
x.509 Certificate	**No**
Captive Portal	**Yes**
GPIO	**No**
Ignition Sensing	**No**
Netflow support	**No**
LACP (802.3ad) NIC Bonding	**No**
Internal Storage for Edge Computing	**No**
External Storage via USB Port	**No**
Dead Reckoning	**No**

Core Functionality

Inter-VLAN Routing	**Yes**
802.1q VLANs Supported	**16**
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	**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	**2**
IPsec VPN	**Yes**
Number of IPsec Tunnels	**5**
L2TP VPN / Open VPN / PPTP VPN Server	**Yes**
Maximum PPTP / L2TP / OpenVPN Users	**3**
Remote RADIUS / LDAP authentication in Remote User Access	**No**
Number of OpenVPN Tunnel (Site to Site)	**5**
Number of GRE Tunnel (Site to Site)	**5**

Hardware

Enclosure	**Outdoor, IP55, Plastic**
4pin Molex Micro-Fit Connector	**No**

Terminal Block Power Connector for Mobile / Vehicular Deployment	**No**
AC Adapter or PSU	**No**
Input voltage	**PoE: DC 48–56V**
PoE Input	**Yes** [2]
PoE Output	**1x 802.3at PoE+**
USB Power Input	**No**
Nominal Power Consumption	**NA**
Maximum Power Consumption	**18W (w/o PoE)**
Dimensions in inches	**1.2 x 4.9 x 11.8 inches**
Dimensions in mm	**30 x 124 x 300 mm**
Weight (Pound)	**0.96 pounds**
Weight (Gram / Kilogram)	**435 grams**
Operating Temperature	**-40°–149°F, -40°–65°C**
Humidity	**15%–95% (non-condensing)**
Rack-mount	**No**
Dual Hot Swap Power Supply	**No**

[2] 802.3at PoE+ or 56V Peplink Passive PoE.

Warranty Info

Warranty	**1-Year Limited Warranty**