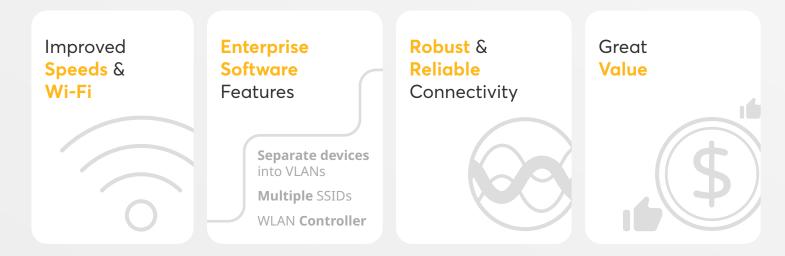


Impressive Capability with Incredible Value

Taking the best parts of the beloved **Surf SOHO** & **Balance 20** and putting them into one capable device.





Easy Integration with Starlink

- · Bond multiple Starlink connections together
- Load Balance your Starlink with other internet services (5G/LTE, Cable, Fiber, FWA)
- Optimize your network with additional features requested specifically by Starlink





Made for

Fixed Wireless Access (FWA)

- Designed for use with MSP 5G/LTE Gateway devices
 - Bond various FWA together (AT&T / T-Mobile / Verizon)
 - Load Balance different internet sources (Cable, Fiber, 5G/LTE)
- · Tether your phone with Wi-Fi WAN or USB

Long Term Support

- Firmware is constantly updated to patch vulnerabilities and improve performance
- Futureproof your network as Peplink never ends support for older devices









A Game Changer with **Peplink App**

- With a valid PrimeCare subscription, take advantage of all of SpeedFusion features without the need for an advanced network setup
- Easy to set up and use with our Companion App

Key B One Benefits





Dual WAN

architecture keeps you connected even when one of your Internet lines goes down



SpeedFusion

technology seamlessly bonds multiple Internet connections into one more reliable Internet feed

Use Cases

SOHO





RETAIL







2x RP-SMA Wi-Fi Antenna Connectors

1x 12V 3A 4 Pin Power Supply

1-Year Limited Warranty



Specifications

WAN Interface

	1x USB-C Interface		
LAN Interface	4x 10/100/1000M Ethernet	Power Input	Power Port: 10V – 30V DC AC Adapter: AC Input 100V–240V / DC Output 12V
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6. 2X2 MIMO	Power Consumption	6W (nominal), 15W (max. without USB-C output ³)
	Wi-Fi WAN and/or AP	Dimension	10.31 x 6.33 x 1.31inches / 262 x 161 x 33.5mm
SpeedFusion Features	Hot Failover 1 / Smoothing 1 /	Weight	1.6 pounds / 727 grams
N. observe.	Bandwidth Bonding ¹	Operating Temperature	-40° – 113°F / -40° – 45°C
Number of SpeedFusion VPN Peers	2/51	Humidity	10% – 90% (non-condensing)
	151	Certification	FCC, CE, RoHS
Router Throughput	1Gbps	Package Content	1x B One
SpeedFusion VPN			2x Dual Band Wi-Fi Antennas

Warranty

Antenna Connectors

Recommended Users 1-150

AP Controller Standard

Maximum Number of

AP Supported

Throughput

- 256-bit AES

- No Encryption

30 / 50 2

400 Mbps

200 Mbps

2x 10/100/1000M Ethernet

Specifications are subject to change without notice.

¹ Requires a PrimeCare subscription, complimentary for the first year.
² Available with licence add-on (AP-LC-50).
³ USB-C Output: 5V at 2A can be delivered to power the MAX Adapter or other USB dongles for USB WAN.





Ordering Information

Product CodeRegionsB-ONE-T-PRMGlobal

Featured Add-on

Product Code	Description
PRM-A-1Y / PCP-A-1Y	PrimeCare A / PrimeCare+ A (1-Year)
PRM-A-2Y / PCP-A-2Y	PrimeCare A / PrimeCare+ A (2-Year)
PRM-A-4Y / PCP-A-4Y	PrimeCare A / PrimeCare+ A (4-Year)
ACW-791	Peplink 4-Pin to USB-C Power Cable
ACW-634	10ft DC Power Cable
ACW-341	Dual-Band Indoor Wi-Fi Omni Antenna in Black (RP-SMA)



Deep Dive

Software Pepwave MAX Firmware Networking NAT and IP Forwarding

Static Routes WAN Support for PPPoE, Static IP, DHCP Port Forwarding

Stateful Firewall

• Custom Application QoS

WAN Link Health Check Many to One, One to One NAT Bandwidth Allowance Monitor **NAT Pool**

Support for Dynamic DNS services SIP ALG, H.323 ALG UPnP, NAT-PMP

LAN **DHCP Server for LAN Clients Extended DHCP Option AP Controller** Support for Pepwave AP Series

DHCP Reservation Auto AP Discovery

DNS Proxy for LAN Clients Auto AP Firmware Management VLAN on LAN Support AP Profile Configuration Wi-Fi Usage Statistics

Security **DoS Prevention Captive Portal Support** Support for Wired and Wireless LAN clients

Web Blocking Support RADIUS Authentication

Time and Usage Quotas on Open Access Mode

Complete VPN Solution SpeedFusion VPN/SpeedFusion Built-in Customizable Splash Page · Hot Failover

• Site-to-Site VPN Web Administrative Interface **Device Management** • 256-bit AES Encryption Command Line Interface

· Pre-shared Key Authentication **InControl Cloud Management Email Notification** · Dynamic Routing

X.509 Certificate Support Active Client & Session Lists

IPsec VPN (Network-to-Network) **Bandwidth Usage Statistics**

Syslog Service **Advanced QoS** Individual Bandwidth Limit SNMP v1, v2c and v3

Application Prioritization SIP, HTTPS, VPN QoS