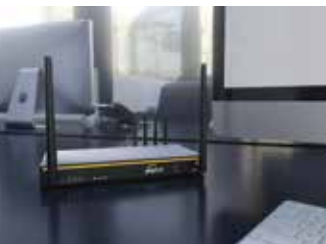




# FusionOne Data Sheet



## PRODUCT NAME

FusionOne

## PRODUCT TERM

36 Months

## One device. One provider. Zero downtime.

FirstComm FusionOne is a fully managed SD-WAN solution that combines your existing broadband with built-in 5G failover to ensure uninterrupted connectivity for your business. Powered by Peplink's enterprise-grade SpeedFusion technology, FusionOne delivers seamless failover, bandwidth bonding, and centralized cloud management in one easy to deploy package, all for a flat monthly rate.

## Product Overview

FusionOne provides unbreakable internet uptime by pairing your wired ISP connection with an integrated 5G backup in a single, pre-configured device. Designed to keep your calls, transactions, and applications running through ISP outages without any manual intervention.

The solution is delivered via the Peplink B One 5G enterprise router, offering dual Ethernet WAN ports, built-in WiFi 6, and patented SpeedFusion Hot Failover technology.

FirstComm manages the hardware, connectivity, and monitoring, so you can focus on your business instead of your network.

## Key Features

### + Seamless Failover

Automatically switches traffic to 5G backup without dropping calls, VPN sessions, or online transactions.

### + Dual WAN & 5G Integration

Combine your primary broadband with built-in 5G failover for continuous uptime.

### + WiFi 6 Enabled

Provides high-performance wireless access directly from the device.

### + Fully Managed by FirstComm

24/7/365 monitoring and proactive support.

### + Flat Monthly Pricing

Includes hardware, unlimited 5G failover service, cloud portal access and support.

## B One 5G Specifications



|                                                                                     |                                                                                                           |                              |                                                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>WAN Interface</b>                                                                | 2 x 10/100/1000M Ethernet<br>1 x Embedded Cellular Modem with a Redundant SIM Slot<br>1 x USB-C Interface | <b>Antenna Connectors</b>    | 4x SMA Cellular Connectors<br>2x RP-SMA Wi-Fi Antenna Connectors                                                  |
| <b>LAN Interface</b>                                                                | 4x 10/100/1000M Ethernet                                                                                  | <b>Power Input Power</b>     | Power Port: 10V ~ 30V DC AC Adapter: AC Input 100V-240V / DC Output 12V                                           |
| <b>Wi-Fi Interface</b>                                                              | Simultaneous Dual-Band (2.4GHz / 5GHz)<br>Wi-Fi 6, 2X2 MIMO<br>Wi-Fi WAN and/or AP                        | <b>Consumption</b>           | 7W (nominal), 19W (max. without USB-C output <sup>6</sup> )                                                       |
| <b>SpeedFusion features</b>                                                         | Hot Failover <sup>2</sup> / Smoothing <sup>2</sup> / Bandwidth Bonding <sup>2</sup>                       | <b>Dimension</b>             | 10.31 x 6.33 x 1.31 inches / 262 x 161 x 33.5 mm                                                                  |
| <b>Number of SpeedFusion VPN Peers</b>                                              | 2 / 5 / 10 / 20 <sup>3</sup>                                                                              | <b>Weight</b>                | 1.7 pounds / 756 grams                                                                                            |
| <b>Router Throughput</b>                                                            | 1Gbps                                                                                                     | <b>Operating Temperature</b> | -40° ~ 113°F / - 40° ~ 45°C                                                                                       |
| <b>SpeedFusion VPN Throughput</b><br><b>- No Encryption</b><br><b>- 256-bit AES</b> | 400 Mbps<br>200 Mbps                                                                                      | <b>Humidity</b>              | 10% ~ 90% (non-condensing)                                                                                        |
| <b>Recommended Users</b>                                                            | 1-150                                                                                                     | <b>Certifications</b>        | FCC, CE, RoHS                                                                                                     |
| <b>AP Controller</b>                                                                | Standard                                                                                                  | <b>Package Content</b>       | 1x B One 5G<br>4x LTE/5G Antennas<br>2x Dual Band Wi-Fi Antennas<br>1x 12V 3A 4 Pin Power Supply (ACW-672)        |
| <b>Maximum Number of AP Supported</b>                                               | 30 / 50 <sup>4</sup>                                                                                      | <b>SIM Options</b>           | Nano-SIM (4FF) Peplink eSIM BYO eSIM (2 profiles) RemoteSIM from SIM Injector <sup>7</sup> FusionSIM <sup>7</sup> |
| <b>Cellular Data Rate 5 (Downlink / Uplink)</b>                                     | 5G: 3.4 Gbps / 900 Mbps<br>CAT-20: 1.6 Gbps/ 200 Mbps                                                     | <b>Warranty</b>              | 1-Year Limited Warranty                                                                                           |

<sup>1</sup> Requires LIC-00C license and firmware 8.5.2 or above to enable Docker.

<sup>2</sup> Requires a PrimeCare subscription, complimentary for the first year.

<sup>3</sup> 5 SpeedFusion VPN Peers are enabled with PrimeCare Subscription. 10 or 20 SpeedFusion VPN peers can be enabled with software license (PVN-LC-10 and PVN-LC-20).

<sup>4</sup> Available with license add-on (AP-LC-50).

<sup>5</sup> Theoretical maximum data rates.

<sup>6</sup> USB-C Output: 5V at 2A can be delivered to power the MAX Adapter or other USB dongles for USB WAN.

<sup>7</sup> RemoteSIM and FusionSIM are compatible with hardware version 2 or above.

Specifications are subject to change without notice.

## Ready to Get Started?

Reach out today to discover how FirstComm can future-proof your communications and elevate your customer experience.

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