



PEPLINK & STARLINK GoBox EXTREME BR2 5G

Blazing fast StarLink Flat High Performance Dish connected through a Peplink Max BR2 Pro 5G cellular router with A/C powered setup. The solution can be powered from shore power, portable generator, solar setup, battery powered inverted (like the EcoFlow River Pro 2) or a 500W+ pure sine 12V inverter.

The main equipment stack consumes 3U of rack space, with in-case cooling provided by a 1U 3-fan cooling solution. This extreme setup can easily power PoE devices like the Pepwave AP One X, VoIP phone, Security camera, Radio over IP (RoIP) or other PoE powered equipment. If your needs require portable, dependable satellite connection with 5G cellular failover to deploy an outdoor Wifi Access point (300' from the PoE switch) along with security camera coverage or VoIP - all can easily be powered and setup from our GoBox Extreme BR2 5G + StarLink Flat High Performance package.



Intelligent display integrated in the case - displaying information about the Peplink router(s) status, cellular connectivity (e.g. signal strength, carrier, etc.) and much more with end-user configuration deployment capability for advanced troubleshooting and diagnostics.

Cell and Wifi coverage provided by the deck mounted Recon13 [7-in-1] Antenna (4x4 MIMO 5G / 2x2 MIMO Wifi / GPS) and Recon13 [5-in-1] Antenna (4x4 MIMO 5G).



The upgraded configuration of the GoBox Extreme case ships with Peplink Max BR2 Pro 5G, dual StarLink Flat High Performance dishes, 8 Port PoE+ switch, dual Peplink BR1 Mini 5G with a suite of Recon13 5G antennas.

Peak power draw is 476 Watts (4.33 Amps) - combined (2) StarLink HP power supply + Peplink 310 Fiber 5G + (2) BR1 mini 5g + 8 port PoE+ switch.

Case Dimensions

<i>Exterior Length 24 in / 60.96 cm</i>
<i>Exterior Width 18.75 in / 47.63 cm</i>
<i>Exterior Height 12.75 in / 32.38 cm</i>
<i>shipping weight (BUILT out) ~ 54 lbs**</i>
<i>** depending on final configuration</i>

Power Usage (Max)

<i>Device</i>	<i>Watts</i>	<i>Weigh (Lbs)</i>
<i>StarLink OEM A/C power</i>	<i>150</i>	<i>3.0</i>
<i>Peplink BR2 Pro 5g</i>	<i>30</i>	<i>2.4</i>
<i>Peplink BR1 mini 5g</i>	<i>13</i>	<i>0.93</i>
<i>8 Port SD PoE+ Switch</i>	<i>110</i>	<i>2.2</i>

Ordering Information / Variations

<i>SKU</i>	<i>Router(s)</i>	<i>Antenna(s)</i>
<i>Extreme-BR2</i>	<i>Peplink BR2 5G</i>	<i>Recon 5-in-1 + Recon 7-in-1</i>
<i>Extreme-BR2+1</i>	<i>Peplink Max BR2 5G + (1) BR1 Mini 5G</i>	<i>Recon 5-in-1 (2) + Recon 7-in-1</i>



Starlink Flat High Performance



Starlink Flat High Performance Specs	
Field of View	140° - a wider field of view directly translates to better internet speeds and quality / performance.
Orientation	Fixed
Wind Speed	Survivable: 280 kph+ (174 mph+)
Satellite Data Rate (Downlink / Uplink)	download speeds of up to 220 Mbps, upload speeds of up to 25 Mbps
Latency	Under 20ms
Key Difference	The High Performance antenna's larger size and power improve downlink/uplink, signal level, and directivity, making it more suited to business-critical communications. Ideal for commercial use and those in challenging geographical areas.



Peplink 8-port SD Switch



Peplink 8 Port SD PoE+ Switch Specs	
LAN Interface	8x 802.3at (PoE+) GE Ports®, 2x SFP Ports
Fiber Module	2x 1 Gbps
Switch Capacity	20 Gbps
Max. Packet Forwarding Rate	14.9 Mpps
Power Consumption	20W System, 90W PoE+ Power Budget (supports up to 240W#)



Peplink Max BR2 5G



Peplink Max BR2 5G Specs	
WAN Interface	2x 10/100/1000/2500M Ethernet1 2x 5G Modems with Redundant SIM Slots 1x USB 3.0 Interface
LAN Interface	4x 10/100/1000M Ethernet
Wi-Fi Interface	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 6, 2X2 MU-MIMO Wi-Fi WAN and/or AP
SpeedFusion Features	Hot Failover ₂ , WAN Smoothing ₂ , Bandwidth Bonding ₂
Router Throughput	1Gbps
Cellular Data Rate 4 (Downlink / Uplink)	5G: 3.4 Gbps / 900 Mbps CAT-20: 1.6 Gbps / 200 Mbps



Peplink Max BR1 Mini 5G



Peplink BR1 Mini 5G Specs	
WAN Interface	1x 10/100/1000/2500 Ethernet ¹ 1x Embedded Cellular Modem with Redundant SIM Slots
LAN Interface	2x 10/100/1000M Ethernet
Wi-Fi Interface	N/A
SpeedFusion Features	Hot Failover ² , WAN Smoothing ² , Bandwidth Bonding ²
Router Throughput	300 Mbps
Cellular Data Rate ⁴ (Downlink / Uplink)	5G: 3.4 Gbps / 900 Mbps CAT-20: 1.6 Gbps/ 200 Mbps

Recon13 5G



Recon13 5G 7-in-1 Specs	
Built for 5G	Omni-directional 4x4 MIMO mobile antenna for the best performance.
C-Band support	5G (Band 71, LTE, CBRS, LAA)
Wultra Wide Bandwidth	Wide frequency range (617-5850 MHz) supporting LTE and 5G
Robust design	IP67 and IP69K rated, low profile and durable housing in Black.
Wi-Fi	2.4 GHz, 6.3 dBi; 5-7 GHz, 8.0 dBi
Cellular frequencies	617-960 MHz: 5.9 dBi; 1700-2700 MHz: 8.1 dBi; 3300-4200 MHz: 7.5 dBi; 5150-5850 MHz: 7.5 dBi
Dimensions	(Height) 1.8" / (Diameter) 7.46"

