



## The Most Rugged USB-C to Ethernet Adapter Available

Our successful USB-C to Ethernet adapter has been completely redesigned for maximum durability. This [award winning](#) adapter provides USB 3.1 Type C to Gigabit Ethernet plus USB-C power delivery in a completely encapsulated package.

This adapter was designed with durability in mind. The electronics are completely encapsulated, keeping vital components protected from the elements. The design also provides extreme impact resistance and crush resistance and weather durability.

USB Power Delivery specification allows capable devices to charge over USB-C while connected to Ethernet. Just plug your USB-C charging cable from your device's manufacturer into the adapter it will deliver 5-volts DC at up to 1.5A.

Available with M12 connectors in lieu of RJ-45 and USB Type C. Specific data speed conditions apply.

### Extreme Durability

- Double over-molded construction
- Extreme impact resistance
- Internals are protected from the elements
- Designed for high altitude
- High humidity resistance
- High shock and vibration resistance

### Data Plus Charging

- Type-C USB 3.1 / RJ-45 up to 5Gbps
- Available with M12 connectors
- Pass-through power, up to 7.5W

### Future Proof

- BOM stability
- Broad compatibility
- RTL 8153 chipset
- Android, Win, iOS, Chrome OS compatible

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## Features

- Type-C USB-3.1 / RJ45 connection (up to 5Gb/s)
- USB Type C power delivery input up to 7.5W
- M12 connectors available (specific data speed conditions apply)
- Engineered to 810G specifications



## Ruggedized and robust design

- Designed and engineered by Portsmith
- Double encapsulated PCBA
- Durable outer mold ensures complete protection
- Best in class USB-C to Ethernet components available
- Guaranteed bill of material components – qualify it once
- Strong cable strain relief method and retention



## Weights and dimensions

- 140g / 5oz
- Main-body with strain relief: 5.75 X 1.375 x .875"
- USB leg: 8.5"
- EN leg: 8.25"
- PD leg: 5.25"

## Operating system compatibility

- RTL 8153 chipset. (Driver is present in most devices)
- Android, Windows, iOS, Linux

## Certified

- FCC Class-B: North America
- RoHS 3 (EU Directive 2015/863)

## Designed to:

- MIL-STD 810G, Method 500.6 Altitude operating /non-operating
- MIL-STD 810G, Method 507.6 Humidity operating/non-operating
- MIL-STD 810G, Method 514 Vibration non-operating
- MIL-STD 810G, Method 516 Shock operating
- Operating temperature range
  - Operational: -5C to 50C
  - Storage: -40C to 70C

### Part number

PSPA1C1GE-R

PSPAC1GE-R-M12

### Contact us

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