



## 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. Based on the successful PSPA1C1GE adapter, the electronics are completely encapsulated, keeping vital components protected from the elements. The design also provides extreme impact plus 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.

### Extreme Durability

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

### Data Plus Charging

- Type-C USB 3.1, up to 5Gbps
- Gigabit ethernet currently upto 1 Gbps
- RJ-45 connection with LED indicators
- Pass-through power, up to 7.5W

### Future Proof

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

**Contact**      **Mark Roberts**  
**Phone**        +44 1993 852444  
**E-mail**        [sales@portablepowersolutions.](mailto:sales@portablepowersolutions)

## Features

- Type-C USB-3.1 connection (up to 5Gb/s)
- Gigabit Ethernet RJ45 connection with link and speed LED's
- USB Type C power delivery input up to 7.5W
- Engineered to MIL-STD 810G specifications

## Rugged and Robust Design

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



## Weights and Dimensions

- 140g (5oz)
- Main-body with strain relief: 146 x 35 x 22 mm (5.75X1.4x0.9 in)
- USB leg: 216mm (8.5 in)
- Ethernet leg: 210mm (8.25 in)
- Power Delivery leg: 133mm (5.25 in)

## Operating System Compatibility

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

## Certified

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

## 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
- Temperature range   Operational: -5C to 50C  
                                  Storage:       -40C to 70C

### Part number

PSPA1C1GE-R

### Contact us

Mark Roberts

Portsmouth Europe

A Division of Portable Power Solutions Ltd.

[sales@portablepowersolutions.com](mailto:sales@portablepowersolutions.com)

+44 (0)1993 852444