

PD3.1 *Charging protocols*

140W GaN Charging Kit

Embrace the unparalleled ease of fast charging on four ports simultaneously.



140W

Surging power



Fast charging on
4 ports simultaneously



Compact & portable



Intelligent power regulation



Temperature
control protection

PD 3.1/PD 3.0/PPS/
QC/SCP/AFC
Full compatibility for
multiple devices



PD3.1 Charging protocols

140W High-Speed Charging

Single USB C1 or USB C2 can reach up to 140W Max for fast charging Apple's new 16-inch laptop.

100%

80 mins
MacBook Pro 16"



55%

30 mins
MacBook Pro 16"



Note: All data are from Vention Lab. Actual results may vary due to environmental factors. The above data is provided for reference purposes only.

Double the efficiency

Powerful Laptop Charger

Charge 2 laptops at high speed. Make it a perfect kit to maximize work efficiency.



Charge 4 devices at once

All-in-One Charging

Intelligently distributes optimal power to each device.

4X



High-tech innovation

Powered by GaN Tech

GaN (Gallium Nitride) is a high-performance semiconductor known for its small size, lightweight, low heat generation, and high efficiency.



Weight



Size



Temperature



Operating
Frequency



Note: The internal structure is a rendering. Please refer to the actual product.

Compact & portable

38% Smaller than Your Original One

The compact GaN charging kit is convenient to store, portable to carry, and lightweight for traveling.

38%

Smaller than
140W Apple charger.



Note: All the data are from Vention Lab. Actual results may vary due to environmental factors. The above data is provided for reference purposes only.

Smart multi-port charging

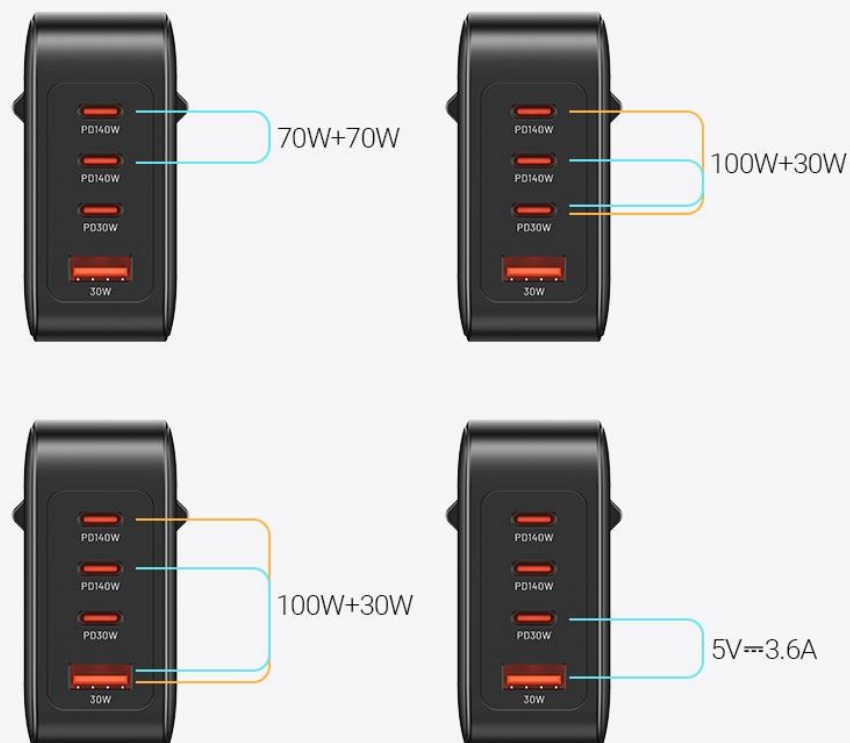
All-new Charging Safe Solution

Powered by GaN technology, adjusting the output power according to different devices.

Single port charging:



Two port charging:



Three port charging:



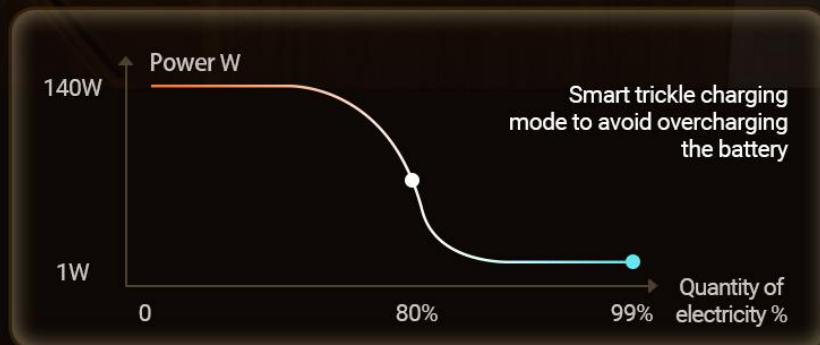
Four port charging:



Trickle charging

Worry-Free Smart Charging

Trickle mode is engaged to prevent overcharging as power reaches maximum.



Low temperature technology

Safe Charging Solution

Intelligently monitors temperature and manages power to safeguard your battery.



Temperature protection



Over power protection



Overvoltage protection



Over current protection



Short circuit protection



Surge protection



Anti-interference protection



Flame-retardant protection



Note: The internal structure is a rendering. Please refer to the actual product.

Universal compatibility

All the Power You Need

Charge laptops, tablets, phones, game consoles, and other compatible devices.



Fast charging kit

240W Fast Charging Cable

Powered by PD3.1 chip, providing better charging performance.



Specifications

| | |
|----------------------|---|
| Brand | Vention |
| Name | 140W GaN Charging Kit |
| Charger | |
| Model | FEI |
| Color | Black/White |
| Input | 100-240V~50/60Hz 3A Max |
| Output | USB-C 1: 5V $\overline{\text{---}}$ 3A; 9V $\overline{\text{---}}$ 3A; 12V $\overline{\text{---}}$ 3A; 15V $\overline{\text{---}}$ 3A; 20V $\overline{\text{---}}$ 5A; 28V $\overline{\text{---}}$ 5A 140W Max |
| | USB-C 2: 5V $\overline{\text{---}}$ 3A; 9V $\overline{\text{---}}$ 3A; 12V $\overline{\text{---}}$ 3A; 15V $\overline{\text{---}}$ 3A; 20V $\overline{\text{---}}$ 5A; 28V $\overline{\text{---}}$ 5A 140W Max |
| | USB C 3: 5V $\overline{\text{---}}$ 3A; 9V $\overline{\text{---}}$ 3A; 12V $\overline{\text{---}}$ 2.5A; 30W Max |
| | USB-A: 5V $\overline{\text{---}}$ 3A; 9V $\overline{\text{---}}$ 3A; 12V $\overline{\text{---}}$ 2.5A; 30W Max |
| Compatible Protocols | USB C 1/C 2: PPS/PD 3.1/QC4 + / FCP/AFC/BC1.2/Apple 2.4A |
| | USB C3: PPS/PD 3.0/QC4 + /FCP/ AFC/BC1.2/Apple 2.4A |
| | USB A: QC3.0/SCP/FCP/AFC/BC1.2/ Apple 2.4A |
| Cable | |
| Interface | USB C |
| Current supply | 5A |
| Length | 1.5 m |
| Power | PD240W (Max) (48V/5A) |
| Warranty | 1 Year |
| Packing | Color Box |



Note: All data are from Vention Lab.
Sizes above are manually measured. There might be slight tolerance.

What's in the Box



Note: Packing difference exists for different meters or batches.
The photo is for reference only.



4-Ports USB (C + C + C + A) GaN Charging Kit (140W/140W/30W/30W)

Technical Features

Charger

| | |
|--------------------|--|
| Color | Black/White |
| Interface | USB-A+C |
| Shell | PC |
| Input | 110-240V~50/60Hz, 3.2A |
| Output/Single-Port | Output (USB): 5V \equiv 3A; 9V \equiv 3A; 12V \equiv 2.5A (30W Max) Output (USB-C 1/2): 5V \equiv 3A; 9V \equiv 3A; 12V \equiv 3A; 15V \equiv 3A; 20V \equiv 5A; 28V \equiv 5A (140W Max) Output (USB-C 3): 5V \equiv 3A; 9V \equiv 3A; 12V \equiv 2.5A (30W Max) Output (USB-C 1 + USB-C 2): 70W + 70W |
| Output/Two-Ports | Output (USB-C 1/2 + USB-C 3): 100W + 30W Output (USB-C 1 + USB): 100W + 30W |
| Output/Three-Ports | Output (USB-C 1 + USB-C 2 + USB-C 3): 65W + 45W + 30W Output (USB-C 2 + USB-C 3 + USB): 100W + 5V \equiv 3.6A |
| Output/Four-Ports | Output (USB-C 1 + USB-C 2 + USB-C 3 + USB): 65W + 45W + 5V \equiv 3.6A |
| Protocols | (USB-C 1/2): PPS/PD 3.1/QC 4.0+/FCP/AFC/BC 1.2/Apple 2.4A (USB-C 3): PPS/PD 3.0/QC 4.0+/FCP/AFC/BC 1.2/Apple 2.4A (USB): QC 3.0/SCP/FCP/AFC/BC 1.2/Apple 2.4A |

Cable

| | |
|------------------------|----------------|
| Interface | USB-C |
| Electroplating process | Nickel-Plated |
| Shell | Aluminum alloy |
| OD | 4.0mm |
| Data transfer rates | 480Mbps |
| Rated current | 5A |
| Rated power | 240W |

| Color | Art.No. | EAN Code |
|-------|----------|---------------|
| White | FEIW0-EU | 6922794776005 |
| Black | FEIB0-EU | 6922794776012 |



Package Contents

4-Ports USB (C + C + C + A) GaN Charging (140W/140W/30W/30W) x 1, cable x1

Packaging Information

| | |
|-------------------|---------------|
| Packing Dimension | 13.5*11.5*5cm |
| Packing Weight | 0.39kg |
| Carton Dimension | 48*29*31cm |
| Carton Qty | 20pcs |
| Carton Weight | 7.8kg |

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