



Manual



04-1425A

# ID-US0C11-S1

## 16-Port Industrial USB-C PD Charging Station - 1000W

User Manual



Thank you for choosing **SIIG** for your connectivity needs in IT and AV products. Our products are engineered for optimal performance and reliability. To ensure the best experience and safety, please read the instructions thoroughly and keep this user guide for future reference. For more details about our product range, visit [\*\*www.siig.com\*\*](http://www.siig.com)

If you require technical support, email us at [\*\*support@siig.com\*\*](mailto:support@siig.com) For drivers or manuals, please visit [\*\*www.siig.com/download\*\*](http://www.siig.com/download)

## **Important Safety Guidelines**

This device has been rigorously tested and certified to meet international safety standards. However, as with all electronic equipment, it should be handled with care. To ensure your safety and to minimize the risk of damage, please follow these safety guidelines:

- Follow all provided instructions and warnings
- Do not open or service the device yourself to avoid electric shocks and voiding your warranty
- Ensure proper ventilation and avoid using near water
- Place on a stable surface and keep away from damaging objects
- Use only the specified power adapter, cords, and cables
- Do not use liquid or aerosol cleaners; avoid exposure to moisture
- If there is any strange sound, smoke or odor, pull of the cable immediately
- Unplug the device before cleaning or installation
- Do not put any sharp objects into the venting hole of the product
- Keep the product out of reach of children
- Unplug the power cord if you don't use the product for a long time

## Introduction

The 16-port industrial USB-C PD Charging Station - 1000W, this device allows you to charge up to 16 USB-C devices and provide max power output of 1000W, supports device charging up to 100W for MacBooks, Chromebooks, Table or Smartphones simultaneously

## Package Contents

- 1x 16-Port Industrial USB-C Charging Station – 1000W
- 1x C13 US power cord 1.5m
- 2x Plastic rack mounting bracket
- 1x User Manual

## Setup Requirements

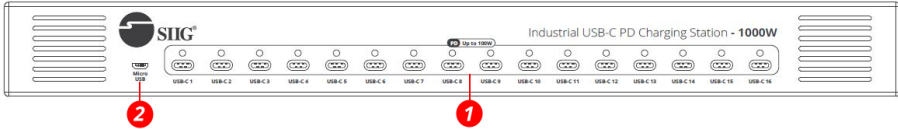
- Power Source: Requires a 110V to 240V AC power supply
- Power Socket: Compatible with a US 3-pin Type-B power socket
- Device Compatibility: Supports charging for USB-C devices such as MacBooks, Chromebooks, tablets, and smartphones



## Features

- Easily to charge up to 16 USB-C devices with 1000W of power, it can charge up to 10 USB-C 100W for MacBooks or 16 USB-C 60W for Chromebooks, Tablets, or Smartphones simultaneously
- Support Power Delivery 2.0 & 3.0 for 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A charging specification
- Industrial grade & built-in 24V/41.67A (1000W) power supply, it incorporates an intelligent power allocation solution, delivering a high 95% power conversion rate for exceptional efficiency
- Power Switch - Conserves energy when not in use, built-in LED provides easy recognition of power charging status
- Protection and Reliability for over temperature, over voltage, over current, short circuit protection
- Enables to turn on/off the fans automatically according to the temperature setup
- Heat dissipating full durable metal housing
- Compatible with Apple MacBook Pro, MacBook Air USB-C laptop computer. iPad Pro, iPad Air, iPad mini. Apple iPhone series. Samsung Tab Pro S, Google Chromebook Pixel book/Pixel C/Pixel 2 X, HP Spectre 13.3", Dell XPS 12/13 9350/15 9550. Nexus 6P/5X, LG G5, HTC 10, New Nokia N1 tablet, Lumia 950, Samsung Galaxy, Note, Google Pixel, Nexus 6, Motorola Droid Turbo, Moto G/E. Sony Xperia etc. This is an excellent choice for USB-C products to be charged

# Layout



No.	Connections	Descriptions
1	USB-C port	Charging for USB-C device
2	Micro-USB port	Reserved (Extend LED Panel)

## LED indicators:

- Red: device connected and charging
- Green: power On or Fully charged

## USB-C PD output power:

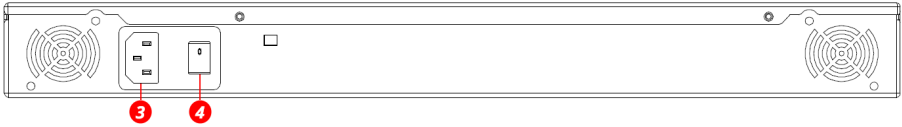
- Up to 100W with any 10 USB-C ports in use
- Up to 65W with any 15 USB-C ports in use
- Up to 60W with all 16 USB-C ports in use
- Support 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A
- PPS: 3.3V to 21V, 5A

## Charging Protocol:

- Supports PD 2.0 and PD 3.0
- Compatible with BC 1.2 DCP and Apple protocols
- Supports Qualcomm QC 2.0 / 3.0 / 4.0+
- Fast Charging support for FCP, SCP, and AFC (up to 12V)

### Note:

Please use your device's original USB-C charging cable or a certified USB-C cable

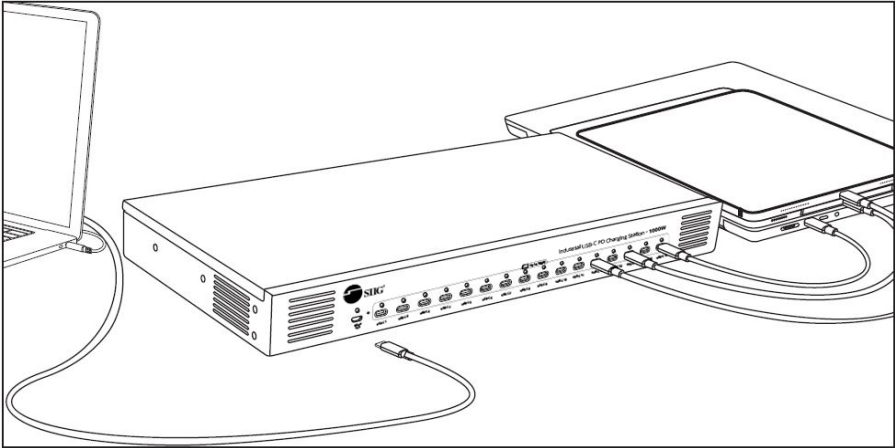


No.	Connections	Descriptions
3	C14 Power Jack	Connect the US C13 power cord
4	Power Switch	Turn the power on or off

**Note:**

*If the power adapter's temperature is higher than 70 degree C, it would start the fans automatically. On the contrary, if the power adapter's temperature is lower than 70 degree C, it would cut off the fans automatically as well.*

## Usage Instructions



1. **Connecting to Power:** Insert the power plug of the charger into an AC power outlet, ensuring a good connection between the plug and the outlet
2. **Connecting Devices:** Use a USB-C cable to connect the device that needs to be charged to the USB-C port of the charger. Make sure the USB-C cable is securely connected to the port to avoid loosening and interrupting the charging process
3. **Starting Charging:** Once the device is successfully connected to the charger, the charger will automatically start charging the device. You can monitor the charging indicator on the device screen to confirm the charging status
4. **Charging Complete:** When the device is fully charged, the charger will automatically stop charging. At this point, you can disconnect the device from the charger and use it



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