

CIO CIO-G120W2C-N2

CIO NovaPort DUOII 120W Charger

USER MANUAL

Introduction

Thank you for choosing the CIO NovaPort DUOII 120W charger. This ultra-compact, high-output USB charger is designed for rapid charging of devices such as MacBook Pro, high-power Windows PCs (like Lenovo/Let's note), and other devices requiring 96W-87W class power. With its dual USB-C ports, you can simultaneously charge a 65W class laptop and a high-end smartphone, or two 45W class laptops. The NovaPort DUOII incorporates advanced technologies like NovaIntelligence for optimal power distribution, NovaEngine for enhanced efficiency and heat suppression, and NovaSafety 2.0 for advanced safety features, ensuring stable and efficient charging.



Image: The CIO NovaPort DUOII 120W charger in black, showcasing its compact design with two USB-C ports and foldable prongs.

Setup

The NovaPort DUOII features a retractable plug for convenience and portability. To set up your charger:

1. **Unfold the Plug:** Gently pull out the foldable AC prongs from the charger body until they lock into place.
2. **Connect to Power Outlet:** Insert the charger's prongs into a standard wall outlet. The flat design ensures a snug fit against the wall, preventing obstruction.
3. **Connect Devices:** Use compatible USB-C cables (not included) to connect your devices to the charger's USB-C ports.



フルフラット デザイン

コンセントにプラグを差し込んだ時の
フィット感が向上し、スッキリ見える
フルフラットデザインを採用。



Image: The CIO NovaPort DUOII charger plugged into a wall outlet, demonstrating its flat design that sits flush against the wall.


Operating Instructions

The NovaPort DUOII is equipped with NovaIntelligence technology, which automatically adjusts power output to connected devices for the fastest possible charging. You do not need to worry about which port to use.

Single Port Charging:

When using a single USB-C port, the charger can deliver a maximum output of 100W. This is ideal for rapidly charging high-power devices like laptops.

急速充電早見表

Port	C1	C2
1ポート 充電時	C1	100W
	C2	100W
2ポート 充電時	<div><div>C1+C2</div><div> 最大120W内で 最適に振り分け 90W+30W / 60W+60W</div></div>	

- ※デバイスの相性によっては最大電力にならない場合があります。
- ※PCへのPD充電は各メーカーによって必要な電圧・電力が異なりますので、詳しくは PC各メーカーにお問い合わせください。
- ※複数ポート同時使用時にて、PCの充電が不安定な場合は、単ポートにて充電を行ってください。

NovaPort DUO II
120W



Image: A laptop being charged via a single USB-C port, illustrating the 100W maximum output.

Dual Port Simultaneous Charging:

When both USB-C ports are in use, the total output of 120W is optimally distributed. Common power distribution scenarios include:

- **90W + 30W:** For example, charging a high-power laptop (90W) and a smartphone (30W).
- **60W + 60W:** For example, simultaneously charging two laptops or tablets that require similar power.

The NovaIntelligence system automatically detects the connected devices and allocates power accordingly. Refer to the quick charge table for detailed power distribution.



NovaPort DUO II 120W



NovaIntelligence



NovaEngine



NovaSafety 2.0



小型・軽量な
コンパクトサイズ



最大120W
高出力



長持ちする
デザイン



2台同時
充電対応

Image: A laptop charging at 90W and a smartphone at 30W simultaneously, demonstrating the 90W+30W power distribution.



Total Output **120W**



Image: Two laptops charging simultaneously at 60W each, demonstrating the 60W+60W power distribution.

Maintenance

To ensure the longevity and optimal performance of your NovaPort DUOII charger, follow these maintenance guidelines:

- **Cleaning:** Wipe the charger with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the surface.
- **Storage:** Store the charger in a cool, dry place when not in use. The foldable plug makes it easy to store without taking up much space.
- **Scratch-Resistant Finish:** The charger features a textured, scratch-resistant finish designed to maintain its aesthetic appearance over time.

製品仕様

サイズ	約61 × 50 × 32mm
重量	約204g
入力	100-240V 50-60Hz 1.8A
出力(USB-C1/C2)	5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=5A PPS:5-11V=5A
出力(USB-C1+C2)	90W+30W or 60W+60W 100W:5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=5A PPS:5-11V=5A 90W:5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=4.5A PPS:5-11V=5A 60W:5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=3A PPS:5-11V=5A 45W:5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=2.25A PPS:5-11V=4.05A 30W:5V=3A / 9V=3A / 12V=2.5A / 15V=2A / 20V=1.5A PPS:5-11V=3A
付属品	製品本体 取扱説明書

NovaPort DUO II 120W



※商品画像の色はお使いのモニターや設定、環境により色合いが異なって見える場合がございますことご了承ください。

Image: A hand placing the CIO NovaPort DUOII charger into a pouch, highlighting its compact size and textured, scratch-resistant surface.

Troubleshooting

If you encounter issues with your NovaPort DUOII charger, consider the following:

- **No Charging:**

- Ensure the charger is securely plugged into a working power outlet.
- Verify that the USB-C cable is properly connected to both the charger and your device.
- Try a different USB-C cable or device to rule out cable or device issues.

- **Slow Charging:**

- Confirm your device supports fast charging and that the cable is rated for the required power.
- NovaIntelligence automatically optimizes power. If charging multiple devices, the power is distributed, which might result in lower individual device charging speeds compared to single-device charging.

- **Charger Overheating:**

The NovaPort DUOII features NovaSafety 2.0, which constantly monitors product temperature. During high load or high temperature conditions, it automatically adjusts power and manages heat. If the charger feels excessively hot, disconnect it and allow it to cool down before resuming use.

世界最小級

NovaPortDUOIIは単ポート100W
の高出力充電器でありながら
一般的な約100W充電器と比較しても
圧倒的な小ささ・軽量さを実現。
自宅での据え置き充電器としてだけでなく
持ち運びにも便利なアイテムです。



約 **W61** mm × **H50** mm × **D32** mm

約 **204** g

Image: An internal view of the CIO NovaPort DUOII charger, highlighting the NovaSafety 2.0 technology for temperature monitoring and automatic power adjustment.

- **Temporary Power Interruption (Instantaneous Cut-off):**

Previous fast chargers might experience a momentary power cut-off when a new device is connected. NovaSafety 2.0 in NovaPort DUOII is designed to suppress this "instantaneous cut-off," providing a smoother charging experience without resetting connected devices.

Specifications

CIO NovaPort DUOII 120W Charger Specifications

Feature	Detail
Model Number	CIO-G120W2C-N2
Dimensions (W×H×D)	Approx. 61 x 50 x 32 mm
Weight	Approx. 204 g
Input	100-240V ~ 50-60Hz 1.8A
USB Ports	2 x USB-C
Single Port Output (USB-C1 or C2)	Max 100W (5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=5A, PPS: 5-11V=5A)
Dual Port Output (USB-C1 + C2)	Total Max 120W (e.g., 90W+30W or 60W+60W)
Features	Retractable Plug, High-Speed Charging, NovaIntelligence, NovaEngine, NovaSafety 2.0
Compatible Devices	Smartphones, Tablets, Laptops (e.g., iPhone 11-16 series, Macbook Pro/Air, Xperia, Galaxy, Huawei, Zenfone, AQUOS, Nintendo Switch)
Included Accessories	Main Unit, User Manual



充電時の瞬断を防ぎ、より安心できる充電器へ さらに進化した NovaSafety2.0

製品温度を常に監視し、製品高負荷時に自動的に
電力調整を行い、発熱を自動コントロールします。

また、充電の切り替わりをスムーズにするため瞬断抑制機能
を搭載し、快適に充電できるように制御しております。

Image: A visual representation of the product specifications, including size, weight, input, and output details for the CIO NovaPort DUO II 120W charger.

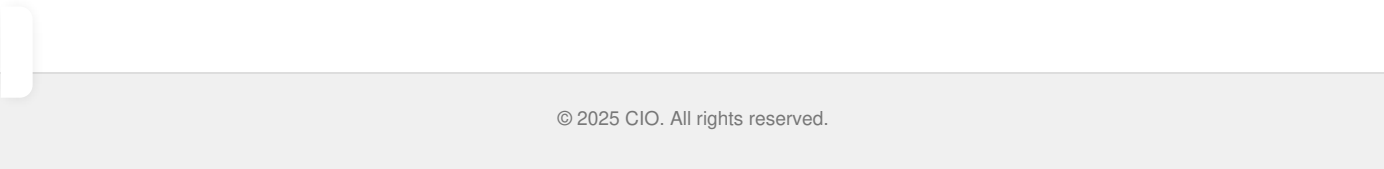
Warranty and Support

CIO, as a Japanese manufacturer, provides reliable warranty support for its products. If you experience any initial defects

or product malfunctions during use, please contact us first.

- **Contacting Support:** When contacting support, please provide your Amazon order number for a smoother process.
- **Charger Recycling Service:** CIO promotes proper recycling and disposal of chargers. We offer a collection service for unwanted AC chargers (both CIO and other brands). Please access our official HP to apply for this service. As a token of appreciation, we may issue coupons for future purchases.

We aim to provide a convenient and forward-looking lifestyle through our products and services, fostering a society where more people can experience excitement. Collected chargers will be maintained and then redistributed to companies and local governments that agree to their reuse.



Related Documents - CIO-G120W2C-N2

	CIO Nova Port DUO 65W GaN 2-Port USB-C Charger User Manual User manual for the CIO Nova Port DUO CIO-G65W2C, a 65W GaN 2-port USB-C wall charger. Features Nova Intelligence automatic power allocation, PD3.0/PPS support. Includes specifications, precautions, and warranty information from CIO Co., Ltd.
	CIO NovaPort SOLO 45W GaN USB-C Wall Charger (CIO-G45W1C) User Manual User manual for the CIO NovaPort SOLO 45W GaN 1-Port USB-C Wall Charger (Model CIO-G45W1C). Includes introduction, safety precautions, specifications, supported fast charging protocols, and warranty information.
	CIO Polaris CUBE 65W 3-Port GaN Power Strip Charger User Manual User manual for the CIO Polaris CUBE 65W 3-Port GaN Power Strip Charger (CIO-PCBC67W2C1A), detailing specifications, precautions, features like Nova Intelligence, and warranty information.
	CIO NovaPort SOLO CIO-G65W1C-N 65W GaN Charger User Manual User manual for the CIO NovaPort SOLO CIO-G65W1C-N, a 65W GaN 1-Port Wall Charger. Includes safety precautions, specifications, supported fast charging protocols, and warranty information.
	CIO-G45W2C 45W GaN 2-Port Wall Charger User Manual Official user manual for the CIO-G45W2C, a 45W GaN 2-port wall charger by CIO Co., Ltd. Includes specifications, precautions, fast charging protocols, Nova Intelligence power allocation, and warranty information.
	CIO NovaPort TRIO II 67W 2C1A User Manual User manual for the CIO NovaPort TRIO II 67W 2C1A, a GaN charger with two USB-C ports and one USB-A port. Includes specifications, safety precautions, and operating instructions.

[\[pdf\]](#) User Manual

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lang:en **score:27** filesize: 1.57 M page_count: 1 document date: 2024-11-19

