

[Manuals.plus](#) /

› [AOHI](#) /

› AOHI Magcube 140W PD3.1 USB C Charger with 240W Spliceable 2-in-1 Fast Charging and 512GB Data Storage Cable Set User Manual

AOHI Magcube 140W Charger & Magflash Cable Set

AOHI Magcube 140W PD3.1 USB C Charger with 240W Spliceable 2-in-1 Fast Charging and 512GB Data Storage Cable Set

User Manual

INTRODUCTION

Thank you for choosing the AOHI Magcube 140W PD3.1 USB C Charger and Magflash Cable Set. This innovative product combines a high-power charger with a versatile, spliceable data and charging cable that includes integrated data storage. This manual provides essential information for safe and efficient use of your device.



Image: The AOHI Magcube 140W charger (yellow, with foldable prongs) and the accompanying yellow spliceable cables, including the short cable with data storage module, extension cable, and spring cable.

PRODUCT OVERVIEW AND WHAT'S IN THE BOX

The AOHI Magcube 140W PD3.1 USB C Charger and Magflash Cable Set includes the following components:

- 1x AOHI Magcube 140W PD3.1 USB-C Charger
- 1x 2-in-1 Fast Charging and Data Storage Cable (Short Cable with up to 512GB storage and 240W fast charging capabilities)
- 1x USB-C to USB-C Extension Cable (4.2ft)
- 1x USB-C to USB-C Spring Cable (up to 6.2ft)

KEY FEATURES

- **Real-140W PD3.1 Super Fast Charging:** The charger maintains a stable 140W output, utilizing PFC+AHB asymmetric half-bridge structure for consistent fast charging. Both USB-C ports support 140W fast charging for compatible devices like the MacBook Pro 16" (requires a USB-C to MagSafe 3 cable, not included).
- **2-in-1 Fast Charging and Data Storage Cable:** The Magflash cable set integrates up to 512GB storage drive and 240W fast charging capabilities into one data cable. Note: The storage function is only available for the short cable.
- **3-in-1 Multiport Charging:** Equipped with two PD3.1 USB-C ports and one USB-A port, allowing simultaneous charging of multiple devices, such as two 14-inch laptops and a smartphone.
- **Customizable Cable Length:** The included cable set allows users to combine the short cable with the extension or spring cables to achieve desired lengths, effectively providing four different cable configurations.
- **Advanced GaN+ Technology:** Features the same Pi Chip technology as original chargers for smaller size, enhanced safety, and faster performance.

SETUP

1. **Unpack Components:** Carefully remove the AOHI Magcube charger and all cables from the packaging.
2. **Inspect for Damage:** Before use, check all components for any visible damage. Do not use if damaged.
3. **Connect to Power Outlet:** Fold out the prongs on the AOHI Magcube charger and plug it into a standard wall outlet.
4. **Select Cable:** Choose the appropriate USB-C cable configuration for your needs (short cable, short + extension, short + spring, or short + extension + spring).
5. **Connect Device:** Plug the USB-C end of the cable into one of the charger's USB-C ports (or the USB-A port if using a USB-A to USB-C cable, not included) and the other end into your device.

OPERATING INSTRUCTIONS

Charging Devices

The AOHI Magcube charger features two USB-C ports and one USB-A port for versatile charging. Both USB-C ports support PD3.1 140W fast charging independently.

- **Single Device Charging:** Connect your device to any available port using a compatible cable. For optimal fast charging, use a USB-C to USB-C cable with the USB-C ports.
- **Multiple Device Charging:** You can charge up to three devices simultaneously. The charger intelligently distributes power based on device requirements. For example, two laptops can be charged via the USB-C ports while a phone charges via the USB-A port.

Dual-140W USB C Port

Each USB C Port Supports Constant 140W Fast Charging



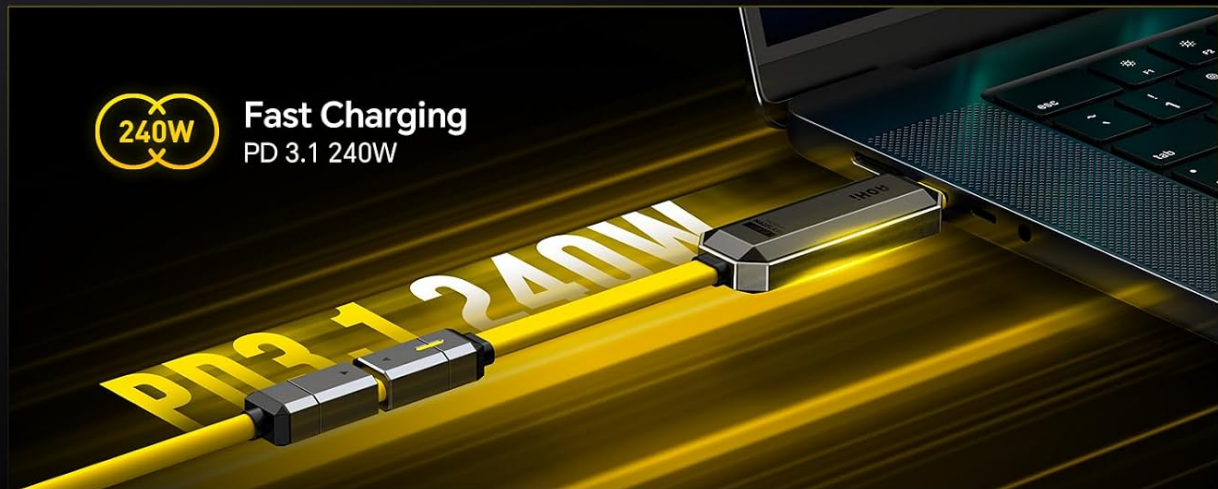
Image: An illustration showing two USB-C cables connected to the AOHI Magcube charger, each delivering 140W of power to two separate devices, such as MacBook Pros. The image highlights the charger's ability to fast charge two devices simultaneously.

Data Storage Function (Magflash Cable)

The short Magflash cable includes an integrated data storage module with up to 512GB capacity. This function is only available when using the short cable.

1. **Connect the Short Cable:** Plug the short Magflash cable into your computer or compatible device.
2. **Access Storage:** The storage drive will appear as a removable drive on your device. You can then drag and drop files to transfer data.
3. **Simultaneous Charging and Storage:** The Magflash cable supports both fast charging and data transfer/storage simultaneously.

2 in 1 Fast Charging & Data Storage



Note: Supports charging and storage simultaneously;
The storage function can only be used when the port labeled "Magflash" is plugged into the device.

Image: A visual representation of the Magflash cable connected to a laptop, illustrating its dual functionality for 240W fast charging and 512GB data storage. One part shows the cable charging a laptop, and another shows the storage module connected to a laptop's USB-C port.

512GB Storage Capacity

Up to 1000MB/s High Read/Write Speed



USB 3.2 Gen2

1000MB/S

USB 3.2 Gen

500MB/S

USB 2.0

40MB/S



1000MB/S

Note: This function is only available for short cable.

Image: A smartphone connected to the Magflash cable, displaying the 512GB storage capacity. A bar chart compares the read/write speeds of USB 3.2 Gen2 (1000MB/s), USB 3.2 Gen1 (500MB/s), and USB 2.0 (40MB/s), indicating the Magflash cable's high-speed performance.

CABLE CUSTOMIZATION

The included cable set offers flexibility in length to suit various scenarios:

- **Short Cable (0.6ft / 17cm):** Can be used independently for compact charging or data transfer.
- **Short Cable + Extension Cable (4.8ft / 145cm):** Connect the short cable to the 4.2ft extension cable for a medium length.
- **Short Cable + Spring Cable (6.7ft / 205cm):** Connect the short cable to the spring cable for a longer, coiled option.
- **Short Cable + Extension Cable + Spring Cable (11ft / 333cm):** Combine all three for the maximum available length.

Customize Your Cable Length

One set equals 4 cables of different lengths

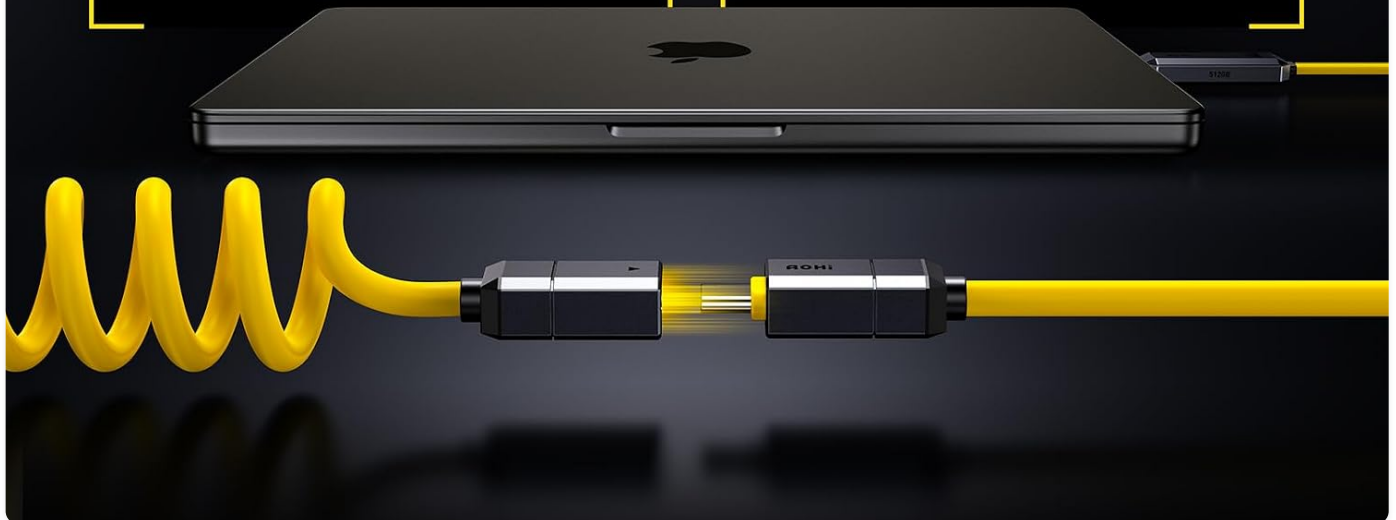
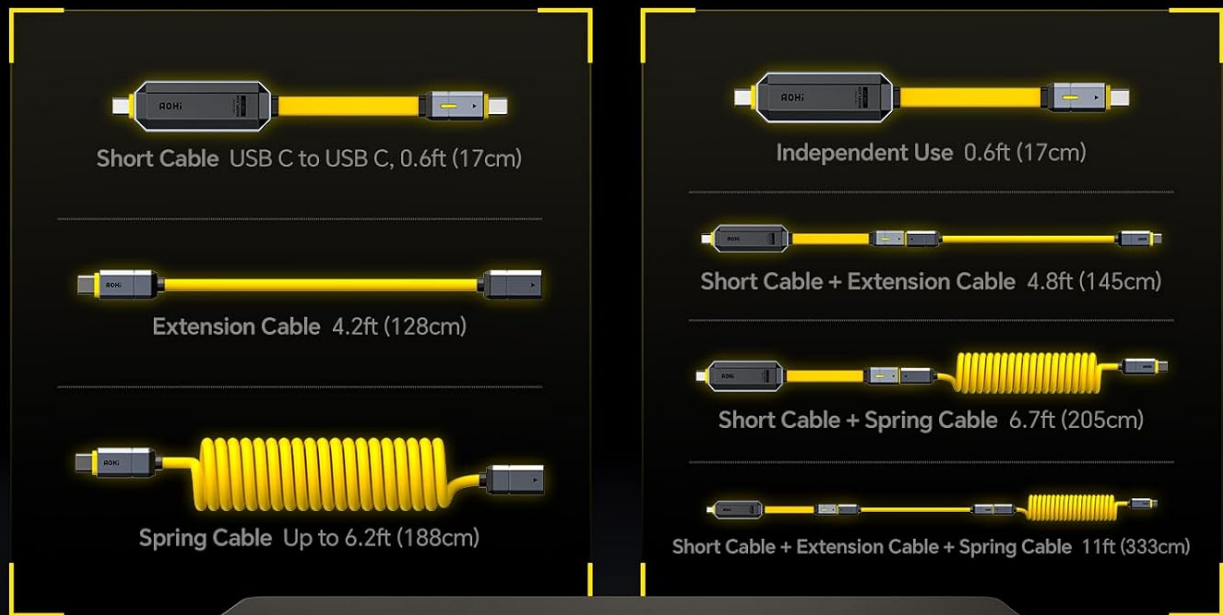


Image: A diagram illustrating the various ways to combine the short USB-C cable, extension cable, and spring cable to achieve different lengths, ranging from 0.6ft to 11ft. This demonstrates the modularity of the cable system.

LED INDICATORS

The AOHI Magcube charger features an LED indicator to show the charging status:

- **Amber Breathing Light:** Indicates Fast Charging.
- **Blue Solid Light:** Indicates Standard Charging.
- **Green Solid Light:** Indicates Trickle Charging (device nearly full).

Visible and Safe Charging

3-Stage Smart Charging with LED Indicator



Image: A close-up of two AOHI Magcube chargers, one displaying an amber breathing light for fast charging and the other a green solid light for trickle charging. A graph above illustrates the three stages of smart charging: Fast, Standard, and Trickle.

COMPATIBILITY

The AOHI MagCube 140W Charger is broadly compatible with a wide range of devices:

- **Laptops:** MacBook Pro 16", 15", 14", 13", MacBook Air, Dell XPS 15/13, HP Spectre/HP Chromebook, and more. (Note: Dell laptop series may not charge at full speed due to protocol restrictions).
- **Tablets:** iPad Pro, and other USB-C compatible tablets.
- **Smartphones:** iPhone 15 Pro/14 Pro Max/13/12 series, Galaxy S23 Ultra/S22, and other USB-C compatible smartphones. Supports Samsung 45W super fast charge 2.0 protocol.
- **Gaming Consoles:** Nintendo Switch, Steam Deck, and other portable gaming devices.

MAINTENANCE

To ensure the longevity and optimal performance of your AOHI Magcube charger and cables, follow these maintenance guidelines:

- **Keep Clean:** Regularly wipe the charger and cables with a soft, dry cloth to remove dust and dirt. Avoid using liquid cleaners.
- **Store Properly:** When not in use, store the charger and cables in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Physical Damage:** Do not drop, bend, or expose the charger or cables to excessive force. Avoid sharp objects that could cut or fray the cables.
- **Disconnect Safely:** Always pull from the plug head, not the cable, when disconnecting from outlets or devices.

TROUBLESHOOTING

If you encounter issues with your AOHI Magcube charger or cables, refer to the following common solutions:

- **Device Not Charging:**
 - Ensure the charger is securely plugged into a working wall outlet.
 - Verify that the charging cable is firmly connected to both the charger and your device.
 - Try a different port on the charger.
 - Test with a different compatible cable to rule out cable issues.
 - Check your device's charging port for any debris.
- **Slow Charging:**
 - Ensure your device supports fast charging and that you are using a compatible cable (e.g., USB-C to USB-C for PD charging).
 - If charging multiple devices, the power output per port may be reduced. Try charging a single device.
 - Some devices, like certain Dell laptops, may have protocol restrictions that prevent full-speed charging.
- **Data Storage Not Detected (Magflash Cable):**
 - Ensure you are using the short Magflash cable, as only this cable has the storage function.
 - Verify the cable is securely connected to your computer's USB-C port.
 - Try connecting to a different USB-C port on your computer.
 - Restart your computer and try again.
- **Charger Overheating:**
 - It is normal for the charger to become warm during operation, especially during fast charging.
 - If it becomes excessively hot, disconnect it immediately and allow it to cool down. Ensure it is used in a well-ventilated area.
 - If overheating persists, discontinue use and contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	AOHI
Model	Magcube 140W PD3.1 Charger & Magflash Cable Set

Feature	Detail
Wattage	140 Watts (Charger)
Input Voltage	240 Volts (AC)
Total USB Ports	3 (2x USB-C, 1x USB-A)
USB-C Output	Up to 140W per port (PD3.1)
Cable Charging Power	Up to 240W (Magflash Cable)
Data Storage Capacity	Up to 512GB (Magflash Short Cable)
Data Transfer Speed	Up to 1000MB/s (Magflash Short Cable, USB 3.2 Gen2)
Special Feature	Fast Charging, Data Storage, Customizable Cable Length
Connector Type	USB Type A, USB Type C
Manufacturer	AOHI
Date First Available	August 8, 2024

Safety Information

Please read and follow these safety instructions to prevent damage to the product or injury to yourself:

- Do not expose the product to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the product to strong impacts.
- Do not attempt to disassemble, repair, or modify the product. This will void the warranty and may cause harm.
- Keep out of reach of children.
- Use only with compatible devices and cables.
- Ensure proper ventilation when in use to prevent overheating.
- Disconnect the charger from the power outlet during lightning storms or when unused for long periods.

Warranty and Support

AOHI products are designed for reliability and performance. For warranty information, technical support, or customer service inquiries, please refer to the official AOHI website or contact their customer support directly. Please retain your proof of purchase for warranty claims.

You can typically find support contact information on the manufacturer's website: www.aohi.com

Ask a Question About This Manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question