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TOPADRE GaN-016

TOPADRE 140W USB C Charging Station with Display

MODEL: GAN-016

User Manual

Introduction

Thank you for choosing the TOPADRE 140W USB C Charging Station. This manual provides essential information for the safe and efficient operation of your new device. Please read it thoroughly before use and retain it for future reference.

Product Overview



Image: The TOPADRE 140W USB C Charging Station, showcasing its digital display and multiple ports.

Key Features

- **5-Port Charging Station:** Equipped with 3 USB-C ports (up to 100W each) and 2 USB-A ports (up to 60W each), delivering a total maximum output of 140W.
- **Digital Display Screen:** A high-definition screen allows real-time monitoring of current and charging status.
- **Advanced GaN III Pro Technology:** Utilizes Gallium Nitride (GaN) technology to reduce power waste and heat generation by 30%, ensuring stable operation.
- **Comprehensive Safety Protocols:** ETL, CE, and FCC certified, featuring seven layers of protection including temperature, overcurrent, overvoltage, overcharge, overload, overheating, and short circuit protection.
- **Universal Compatibility:** Supports various fast charging protocols (PD3.0, PPS, QC3.0, 2.4A, AFC, FCP) for broad compatibility with laptops, smartphones, tablets, and other USB devices.

What's in the Box

- 140W Charger Station

- 5-ft Detachable AC Power Cord
- Desktop Stand

Setup

1. **Connect Power:** Plug the provided 5-ft detachable AC power cord into the charging station's power input port and then into a standard wall outlet.
2. **Attach Stand (Optional):** For vertical placement and improved stability, attach the included desktop stand to the base of the charging station.
3. **Connect Devices:** Use appropriate USB-C or USB-A charging cables to connect your devices to the corresponding ports on the charging station.



Image: The charging station connected to a laptop, smartphone, and earbuds, demonstrating its multi-device capability.

Operating Instructions

Digital Display

The integrated digital display screen on the front of the charging station will illuminate upon connection to power. It shows the real-time total power output in watts (W) being delivered to all connected devices. This allows you to monitor charging

status and ensure optimal power delivery.

Charging Modes and Power Distribution

- **USB-C Ports (C1, C2, C3):** Each USB-C port can deliver up to 100W maximum power individually, ideal for charging power-hungry devices like laptops.
- **USB-A Ports (A1, A2):** Each USB-A port can deliver up to 60W maximum power individually.
- **Total Output:** The charging station provides a combined maximum output of 140W across all 5 ports.
- **Dynamic Power Allocation:** The GaN III Pro chip intelligently distributes power among connected devices based on their individual power requirements and the total available wattage. This ensures efficient and safe charging for all devices simultaneously.



Image: The charging station delivering 100W max output to a MacBook Pro via a single USB-C port.



Image: Diagram showing maximum power output for individual ports when used alone.



Image: Diagram showing power distribution when two ports are in use.



Image: Diagram showing power distribution when three ports are in use.



Image: Diagram showing power distribution when four or five ports are in use.

Safety Information

The TOPADRE 140W USB C Charging Station is designed with multiple safety features and holds ETL, CE, and FCC certifications to ensure safe operation. These features include:

- Temperature Protection
- Overcurrent Protection
- Overvoltage Protection
- Overcharge Protection
- Overload Protection
- Overheating Protection

- Short Circuit Protection

Always use the charging station in a well-ventilated area and avoid covering it during operation. Do not expose the device to moisture or extreme temperatures.

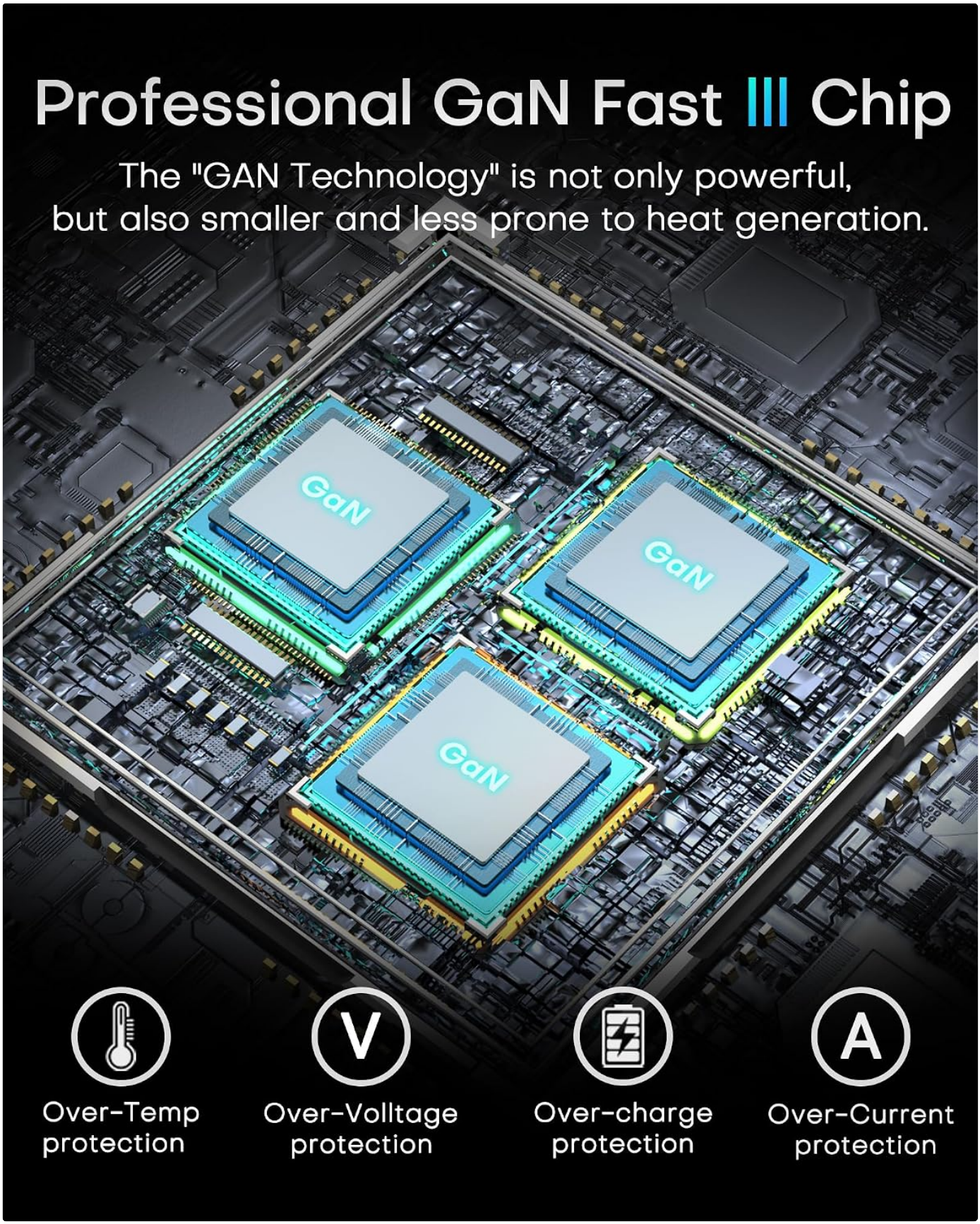


Image: Illustration of the GaN III Pro chip and icons representing various safety protections.

Compatibility

This charging station is compatible with a wide range of devices and supports various fast charging protocols, including PD3.0, PPS, QC3.0, 2.4A, AFC, and FCP.

Supported Devices include:

- **Laptops:** MacBook Pro/Air, Dell XPS, Chromebook, Lenovo, HP, ASUS, Acer, Alienware laptops, Surface Pro, Google Pixelbook.
- **Smartphones:** iPhone 15/15 Pro/15 Plus/15 Pro Max, iPhone 14/14 Pro/14 Plus/14 Pro Max, iPhone 13/13 Pro/13 Mini/13 Pro Max, iPhone 12/12 Pro/12 mini/12 Pro Max, iPhone 11/11 Pro/11 Pro Max/XS/8/7 Plus. Samsung Galaxy S24 Ultra/S23 Ultra/S22/S21+/S21/S21 Ultra/S21 FE/S20+/S20, Google Pixel, HTC, LG, Motorola, Sony.
- **Tablets:** iPad Pro Series, iPad mini Series, Samsung Galaxy Tab S9/S8, Kindle Fire HD 10.
- **Other Devices:** Nintendo Switch, Steam Deck, ASUS ROG Ally, AirPods, Drones, Power Banks.

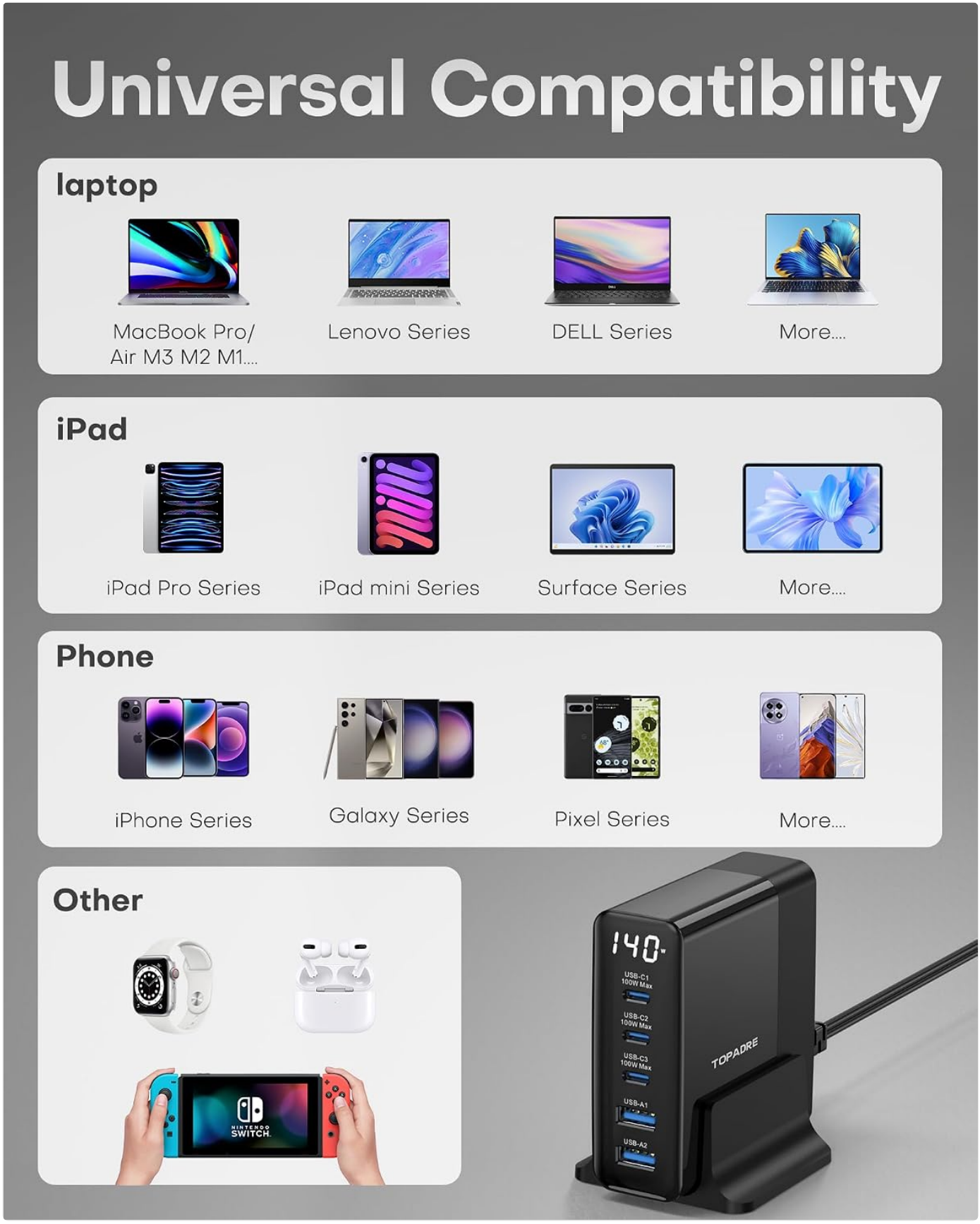


Image: Chart illustrating the broad compatibility of the charging station with various laptops, tablets, phones, and other devices.

Maintenance

- Keep the charging station clean and dry. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or repair the charging station yourself. Contact customer support for assistance.

- Ensure proper ventilation around the device during use to prevent overheating.

Troubleshooting

- **Device not charging:** Ensure the charging station is securely plugged into a functional power outlet. Verify that the charging cable is properly connected to both the device and the charging station. Try using a different cable or port to rule out cable or port issues.
- **Slow charging:** Confirm that your device and cable support fast charging. The total 140W output is shared among all active ports; connecting multiple high-power devices simultaneously may reduce individual port speeds. Check the digital display for the current total wattage.
- **Digital display not working:** Ensure the charging station is receiving power. If the issue persists after checking power connections, contact customer support.
- **Overheating:** While the GaN III Pro technology minimizes heat, ensure the charging station is in a well-ventilated area and not covered during operation. If it feels excessively hot, disconnect devices and power, then allow it to cool before resuming use.

Specifications

Model Number	GaN-016
Product Dimensions	3.07 x 1.22 x 3.23 inches
Item Weight	13.8 ounces
Input Voltage	110 Volts
Total USB Ports	5 (3 USB-C, 2 USB-A)
Max Wattage	140 watts
Special Feature	Fast Charging, Digital Display
Manufacturer	Shenzhenshi Ezreal Technology Co.,Ltd

Warranty and Support

TOPADRE provides a **24-month warranty** for this product. If you encounter any issues or require assistance, please do not hesitate to contact our customer service team. We are committed to providing support and will respond to your inquiries within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official TOPADRE website.

Official Product Videos

140W USB C Charging Station with Display

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Video: An overview of the TOPADRE 140W USB C Charging Station with Display, highlighting its features and design.

A good-looking and practical charging station

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Video: A demonstration showcasing the aesthetic and functional aspects of the charging station.

Multi-port high power charging station

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Video: A brief look at the multi-port capabilities and high power output of the charging station.

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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.

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