

MINIX TP140

MINIX 140W Universal Travel Adapter (Model TP140) - User Manual

GaN III International Power Adapter with 3 USB-C, 1 USB-A Ports, and AC Outlet

1. INTRODUCTION

Thank you for choosing the MINIX 140W Universal Travel Adapter. This device is designed to provide efficient and versatile charging for your electronic devices across various regions worldwide. Featuring advanced GaN III technology, multiple USB ports, and a universal AC outlet, it is an essential companion for international travel.

2. PRODUCT OVERVIEW

Key Features:

- **140W GaN III Fast Charging:** Delivers up to 140W max output from a single USB-C port (C1/C2), capable of charging a MacBook Pro 16 to 55% in approximately 30 minutes.
- **All-in-One Design:** Includes 4 different plug types (US/JP, UK, EU, AU) covering over 180 countries (excluding South Africa, India).
- **Multiple Ports:** Equipped with 3 USB-C ports (PD 3.1), 1 USB-A port (QC 4+), and 1 universal AC outlet.
- **Universal Compatibility:** Ideal for laptops, digital cameras, iPads, iPods, smartphones, tablets, Bluetooth speakers, headphones, and more.
- **Multi-Safety Protection:** Features a dual 10A fuse system (one active, one spare) for continuous protection against over-current, over-voltage, and short-circuits. Certified by RoHS, CE, and FCC.
- **Fire-Retardant Casing:** Constructed with fire-retardant materials for enhanced safety.

What's in the Box:

- 1 x MINIX 140W Universal Travel Adapter (Model TP140)
- 1 x Travel Pouch
- 1 x User Manual

3. SETUP

The MINIX 140W Universal Travel Adapter features retractable pins for various international outlets. To use, simply slide the corresponding button to extend the desired plug type.

Deploying Plug Types:

1. **USA/Japan (Type A):** Slide the button labeled 'USA/JP' to extend the two flat parallel pins. Compatible with outlets in USA, Canada, Japan, Mexico, and more.
2. **UK (Type G):** Slide the button labeled 'UK' to extend the three rectangular pins. Compatible with outlets in UK, Ireland, Scotland, Malaysia, Singapore, and more.
3. **Europe (Type C/E/F):** Slide the button labeled 'EU' to extend the two round pins. Compatible with outlets in France, Italy, Germany, Spain, Greece, and most of Europe.
4. **Australia (Type I):** Slide the button labeled 'AUS' to extend the two flat angled pins and one vertical pin. Compatible with outlets in Argentina, Australia, China, and more.

Note: Ensure the pins are fully extended and locked into place before inserting the adapter into a wall outlet.



Image: MINIX Travel Adapter with US/JP plug extended, ready for use in North America and Japan.



Image: MINIX Travel Adapter with UK plug extended, suitable for the United Kingdom and related regions.



Image: MINIX Travel Adapter with EU plug extended, for use in European countries.



Image: MINIX Travel Adapter with AUS plug extended, compatible with Australia, Argentina, and China.

4. OPERATING INSTRUCTIONS

The MINIX 140W Universal Travel Adapter allows for simultaneous charging of multiple devices through its USB ports and AC outlet. The power distribution varies based on the number of ports in use.

Charging Modes:

- **Single Port Charging:** When using a single USB-C port (C1 or C2), the adapter can deliver up to 140W, ideal for fast-charging high-power devices like laptops.
- **Multiple Port Charging:** When multiple USB ports are in use, the power is intelligently distributed. For optimal performance with a laptop while charging other devices, use the USB-C1 port for your laptop.
- **AC Outlet Usage:** The universal AC outlet supports devices up to 2500W @250V or 1000W @100V. This port does not convert voltage.



Image: The MINIX 140W Universal Travel Adapter connected to a wall outlet, fast charging a MacBook Pro 16 via a USB-C port, reaching 55% charge in 30 minutes.

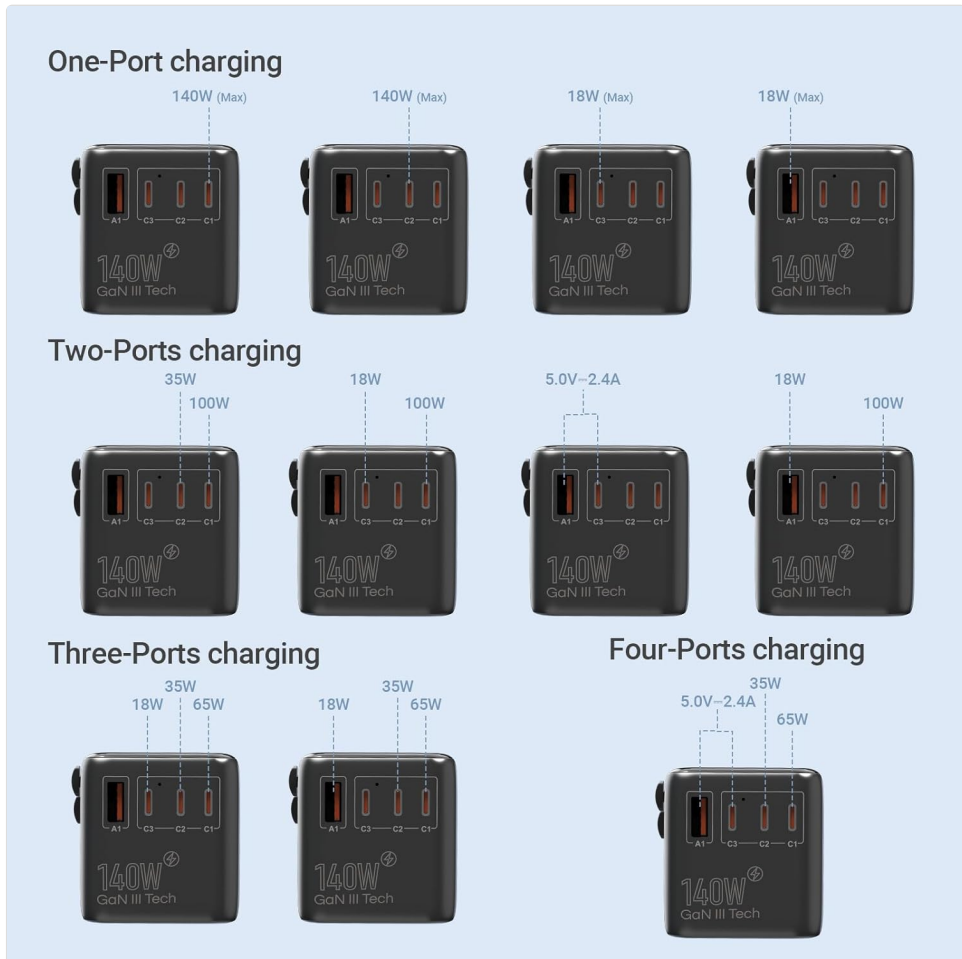


Image: Diagram illustrating power distribution across one, two, three, and four ports of the MINIX 140W Universal Travel

Adapter, showing varying wattage outputs.

Single Output

- A1 12W ~ 18W MAX (5V=2.4A ~ 12.0V=1.5A)
- C3 12W ~ 18W MAX (5V=2.4A ~ 12.0V=1.5A)
- C2 15W ~ 140W MAX (5.0V=3.0A ~ 28V=5.0A)
- C1 15W ~ 140W MAX (5.0V=3.0A ~ 28V=5.0A)



Image: Detailed specifications for single port output from the MINIX Travel Adapter, including voltage and amperage for USB-A and USB-C ports.

Official Product Videos:

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Video: An official overview of the MINIX 140W Universal Travel Adapter, showcasing its features and design.

Your browser does not support the video tag.

Video: A detailed demonstration of the 140W Universal Travel Adapter, highlighting its 3 USB-C and 1 USB-A ports in action.

5. SAFETY INFORMATION

Your safety is paramount. Please read and adhere to the following safety guidelines:

- **Voltage Compatibility:** This adapter **does not convert voltage**. Ensure your electronic devices are compatible with the local voltage (e.g., 100V-250V, 50/60Hz) of the country you are visiting. Using devices that are not voltage compatible can cause damage to the device and the adapter.
- **Fuse Protection:** The adapter includes a dual 10A fuse system for protection against over-current, over-voltage, and short-circuits. If a fuse blows, replace it with the spare fuse provided.
- **Secure Connection:** Our travel adapters feature a safety mechanism that prevents electrical shock by ensuring all pins are fully and correctly inserted before making a connection, eliminating the risk of partial and unsafe contacts.
- **Indoor Use Only:** This product is designed for indoor use only.
- **Avoid Overloading:** Do not exceed the maximum power rating of 2500W @250V or 1000W @100V.

- **Child Safety:** Keep out of reach of children.

Double Fuse Safety

Our travel plug adapter features a dual 10A fuse system—one active and one spare—ensuring continuous protection against over-current, over-voltage, and short-circuits.



The illustration shows a black travel adapter with a dual 10A fuse system. A 'Spare Fuse' and a 'Fuse in use' are shown above the adapter. A shield icon indicates protection against over-current, over-voltage, and short-circuits. Three icons on the right highlight 'Safe & Reliable', '2 x Fuse', and 'Flame Retardant Material'.

Image: Illustration of the MINIX Travel Adapter's dual 10A fuse system, showing one active fuse and one spare fuse for continuous protection.

Safety First

Our new travel adapters feature a safety mechanism that prevents electrical shock by ensuring that all pins must be fully and correctly inserted before making a connection, eliminating the risk of partial and unsafe contacts.



Image: Close-up of the MINIX Travel Adapter demonstrating its safety mechanism, which requires full pin insertion to prevent electrical shock.

6. COMPATIBILITY

The MINIX 140W Universal Travel Adapter is designed to be compatible with a wide range of electronic devices. Always check your device's power requirements before connecting.

Supported Devices:

- Laptops (e.g., MacBook Pro, Dell XPS, HP Spectre)
- Tablets (e.g., iPad, Android tablets)
- Smartphones (e.g., iPhone, Samsung Galaxy, Google Pixel)
- Digital Cameras
- Bluetooth Speakers & Headphones
- Other USB-powered gadgets

Important: For devices plugged into the AC outlet, ensure they have a "100V-250V Dual Voltage, 50/60Hz" specification. This adapter is not suitable for high-power appliances like hair dryers, curling irons, or electric kettles unless they explicitly support dual voltage and their wattage is within the adapter's limits.



Image: A collection of electronic devices including laptops, tablets, smartphones, cameras, and headphones, illustrating the broad compatibility of the MINIX Travel Adapter.

7. MAINTENANCE

To ensure the longevity and optimal performance of your MINIX Universal Travel Adapter, follow these maintenance tips:

- **Cleaning:** Wipe the adapter with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place, away from direct sunlight and moisture. Use the provided travel pouch for protection during transport.
- **Fuse Replacement:** If the fuse blows, carefully open the fuse compartment (usually indicated by 'FUSE') and replace the blown fuse with the spare 10A fuse. Ensure the new fuse is correctly seated before closing the compartment.
- **Avoid Drops:** Protect the adapter from physical shocks and drops, which can damage internal components.

8. TROUBLESHOOTING

If you encounter issues with your MINIX Universal Travel Adapter, refer to the following common problems and solutions:

- **No Power Output:**
 - Check if the adapter is securely plugged into the wall outlet.
 - Verify that the correct plug type is fully extended and locked.
 - Check the fuse. If it's blown, replace it with the spare 10A fuse.
 - Ensure the wall outlet is functional by testing it with another device.
- **Slow Charging:**
 - Ensure your charging cable is MFi certified or of high quality and supports fast charging protocols (PD 3.1, QC 4+).
 - If multiple devices are connected, the power output per port may be reduced. Try charging high-power devices individually or use the designated high-power USB-C ports (C1/C2) for laptops.
 - Verify your device supports the fast charging protocols offered by the adapter.
- **Adapter Overheating:**

- Unplug all devices and the adapter from the wall. Allow it to cool down.
- Ensure you are not exceeding the maximum wattage (2500W @250V / 1000W @100V) for the AC outlet or the combined wattage for USB ports.
- If overheating persists, discontinue use and contact customer support.

9. SPECIFICATIONS



Image: Detailed diagram of the MINIX 140W Universal Travel Adapter showing its dimensions and comprehensive output specifications for all ports.

Feature	Detail
Model Number	TP140 (also known as 659HF)
Input Voltage	100-250V~, 50/60Hz, 2.5A
AC Outlet Rating	10A Max, 2500W Max (250V), 1000W Max (100V)
USB-C1/C2 Output (Single Port)	5.0V=3.0A (15W), 9.0V=3.0A (27W), 12.0V=3.0A (36W), 15.0V=3.0A (45W), 20.0V=5.0A (100W), 28.0V=5.0A (140W)
USB-C3 Output (Single Port)	5.0V=3.0A (15W), 9.0V=3.0A (27W), 12.0V=1.5A (18W)
USB-A1 Output (Single Port)	5.0V=2.4A (12W), 9.0V=2.0A (18W), 12.0V=1.5A (18W)
Total DC Output	140W Max
Dimensions (L x W x H)	3.5 x 2.16 x 2.1 inches (92.82 x 55.10 x 53.35 mm)
Weight	9.28 ounces
Color	Black
Certifications	RoHS, CE, FCC

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product packaging or visit the official MINIX website. You can also contact MINIX customer service directly for assistance with product inquiries, troubleshooting, or warranty claims.

MINIX Technology Limited

Website: [MINIX Amazon Store](#)