

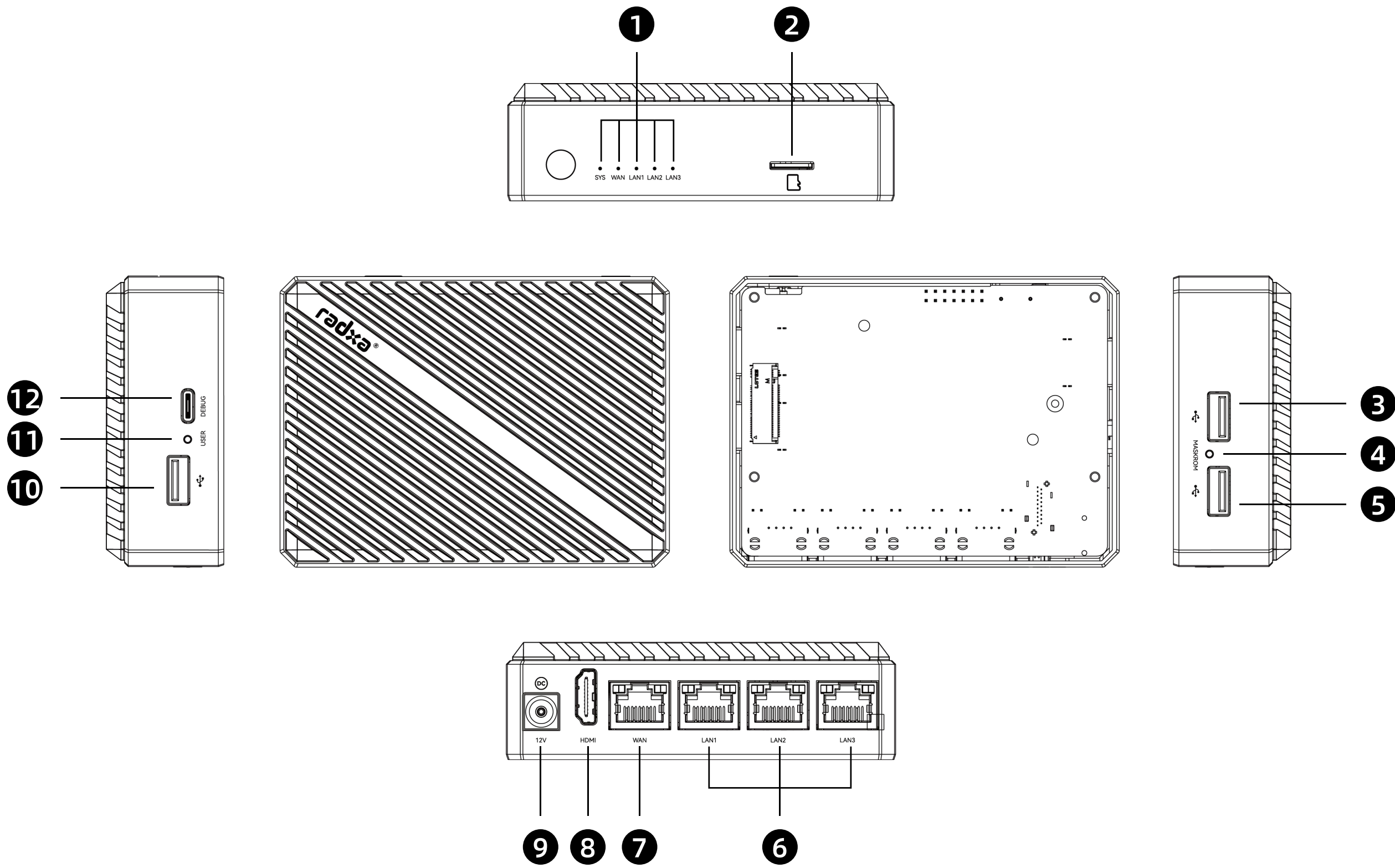
Radxa E54C

High-Performance AI Edge Network Computer



Product Manual

1. Product Introduction

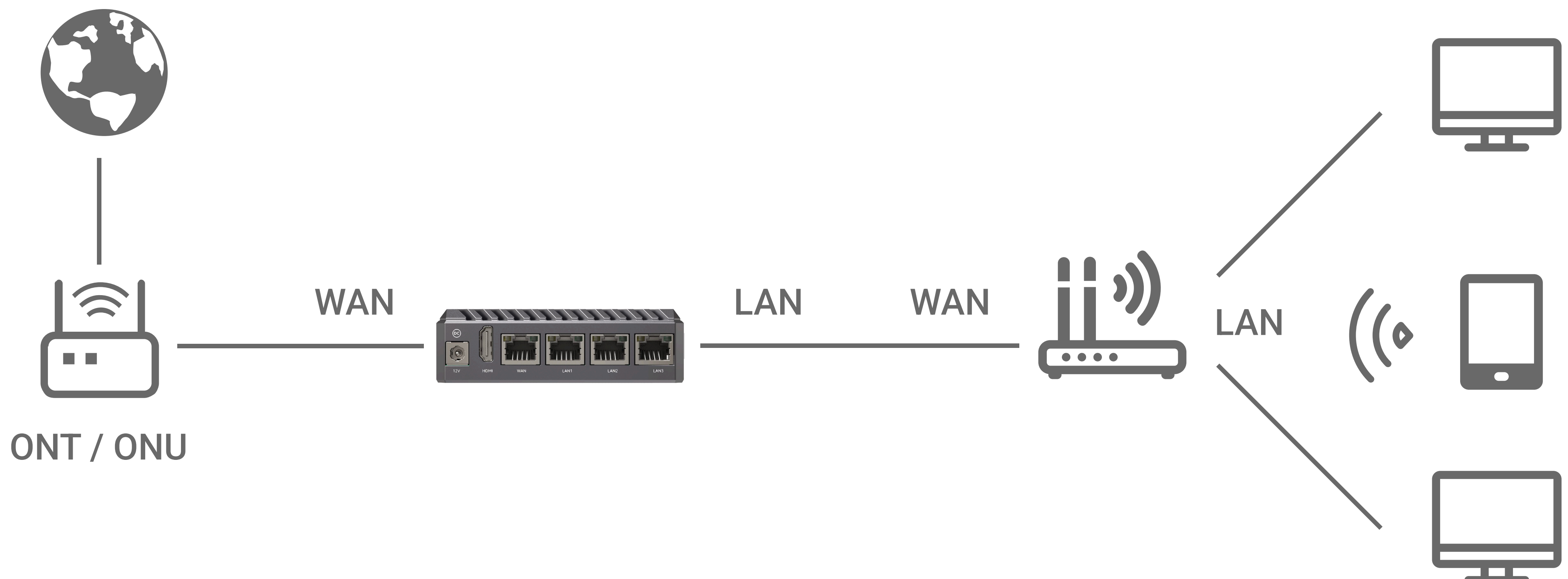


- 1 LED Indicator
- 2 microSD Slot
- 3 USB 2.0 Port
- 4 Maskrom Emergency Download Key
- 5 USB 2.0 Port
- 6 GbE LAN Port
- 7 GbE WAN Port
- 8 HDMI Port
- 9 12V DC (5.5x2.5mm) Port
- 10 USB 3.0 Type-A Port
- 11 User Key
- 12 USB 3.0 Type-C device and debug combo port

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2. Connection Diagram



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3. Package List

After purchase, check the accessories. If anything is missing or damaged, contact the dealer or our company promptly.

- Radxa E54C
- Product manual (including Product Warranty Card)

4. Getting Started

To use Radxa E54C, the following items are essential but not included in the package:

- 12V / 2A DC Power Adapter, Recommended Radxa Power DC12 36W
- USB Type-C to USB Type-A Cable for Debugging and Flashing
- microSD card or M.2 2280 NVMe SSD
- Cat5e or Higher Ethernet Cables

Follow the online guide to get started with R54C: <https://rock.sh/start-e54c-en>

Default Settings:

iStore OS	Radxa OS
Default IP Address: 192.168.100.1 User / Password: root / password	User / Password: radxa / radxa



5. Precautions

Environmental Requirements

- Use the device in temperatures from 0°C to 60°C to prevent damage.
- Keep humidity between 20% and 90%, with no condensation.

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8. Technical Support

If you encounter any issues during use, the Radxa official documentation site not only provides detailed tutorials and guides, but there is also an active community forum (<https://forum.radxa.com/>) where you can post questions or search for posts by other users. Additionally, if you need more direct assistance, you can also contact technical support via email at support@radxa.com. We encourage all users to utilize these resources to ensure the best experience when using the Radxa Products.

9. LED Details

9.1 LED Status Lights

The Radxa E54C device has five LED lights for system status and network connectivity. Here are their functions and default behaviors:

LED Status	Sys	WAN	LAN[1-3]
Blinking	System starting up	Connected to external network and transmitting data	Connected to external network and transmitting data
ON	System running normally	-	-
OFF	Device off or system not started	Not connected or connection issue	Not connected or connection issue
Fast blinking then slow blinking	Factory reset in progress	-	-

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Product Warranty

Thank you for choosing our product. To fully enjoy your purchase and receive support, this warranty card confirms your consumer rights and details the warranty terms. Please read it carefully and keep it safe for future use. We are committed to high-quality customer service, ensuring your satisfaction and optimal product performance.

Warranty Terms

This warranty covers the replacement of products that fail due to manufacturing defects under normal use. The following are not covered:

- Damage from improper handling, such as accidents, incorrect power sources, inappropriate accessories, improper installation, misuse, or negligence.
- Damage from uncontrollable factors, such as natural disasters or abnormal voltage fluctuations.
- Disassembly or repair by non-official service providers.

When replacing a product, bring this warranty card and the original purchase invoice to the retailer. If the product meets warranty conditions, the retailer will provide a replacement. If the card or invoice is lost, the warranty will be one year from the manufacture date. For replacement service, contact the retailer where you purchased the product.

User Privacy: All information provided below will be kept strictly confidential and used solely for repair and support communication. Please provide accurate and complete details.

Product Warranty Card

Warranty Claim Process:

- If you need warranty service, please follow these steps:
1. Contact Customer Service: Reach out via our official website or the customer service phone number.
 2. Provide Proof of Purchase: Submit proof of purchase to verify warranty eligibility.
 3. Describe the Issue: Detail the issue you're experiencing for the best solution.
 4. Follow Guidance: Follow our technical support team's instructions for troubleshooting or arranging repairs.

More Information:

For more details on warranty terms and conditions, visit our official website or contact customer service. We are dedicated to providing excellent support to ensure your device's performance and your satisfaction.

Product Name: _____

Date of Purchase: _____

Fault Description: _____

For assistance please contact email support@radxa.com