Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

OEMGMINER Avalon 1246

OEMGMINER Avalon 1246 87TH ASIC Miner User Manual

Model: Avalon 1246-87T

1. Introduction

This manual provides essential instructions for the safe and efficient operation of your OEMGMINER Avalon 1246 87TH ASIC Miner. Designed for cryptocurrency mining, this device offers a high hashrate and integrated power supply unit (PSU). Please read this manual thoroughly before setup and operation to ensure optimal performance and longevity of your miner.



Figure 1: An angled view of the Avalon 1246 ASIC miner, showcasing its compact design and cooling fans.

2. Safety Information

Adhere to the following safety guidelines to prevent damage to the device or personal injury:

- **Electrical Safety:** Ensure the power supply voltage matches the device's requirements (220V-240V). Use only the provided power cable or a certified equivalent. Do not operate with damaged cables or power outlets.
- **Ventilation:** The miner generates significant heat. Operate in a well-ventilated area to prevent overheating. Maintain clear space around all air inlets and outlets.
- **Environment:** Avoid operating in environments with high humidity, dust, or extreme temperatures outside the specified range (-5°C to 35°C).
- **Handling:** Do not attempt to open the casing or modify the device. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all items are present in the package:

- OEMGMINER Avalon 1246 87TH ASIC Miner unit with built-in PSU

- Power Cable (region-specific)
- User Manual (this document)

4. Setup Instructions

4.1 Physical Placement

Place the miner on a stable, flat surface in an area with adequate airflow. Ensure there is at least 20 cm of clear space around the front and rear fans for proper ventilation. Avoid placing the unit near heat sources or in enclosed spaces.

4.2 Network Connection

Connect an Ethernet cable from your network router or switch to the LAN port on the rear of the miner.



Figure 2: The rear panel of the Avalon 1246 miner, detailing the power input, Ethernet port, and status indicators.

4.3 Power Connection

Connect the power cable to the power input on the rear of the miner, then plug the other end into a grounded electrical outlet. Ensure the outlet provides 220V-240V AC power.

4.4 Initial Power On

Once network and power are connected, the miner will power on automatically. The status indicator lights will illuminate, and the fans will begin to operate. Allow a few minutes for the system to initialize.

4.5 Configuration

Access the miner's web interface via its IP address (which can be found using a network scanner or by checking your router's connected devices). Log in using the default credentials (refer to specific documentation or manufacturer website if not provided). Configure your mining pool settings and other parameters as required.

5. Operating Instructions

After successful setup and configuration, the Avalon 1246 miner will begin its mining operations. You can monitor its status and performance through the web interface.

- **Status Indicators:** Observe the LED indicators on the rear panel for operational status. Typically, a solid green light indicates normal operation, while blinking or red lights may indicate an issue.
- **Performance Monitoring:** The web interface provides real-time data on hashrate, temperature, fan speed, and power consumption. Regularly check these metrics to ensure optimal performance.
- **Shutdown:** To safely shut down the miner, use the designated shutdown option in the web interface. Avoid simply unplugging the power cable during operation.



Figure 3: A direct front view of the Avalon 1246 miner, highlighting the AvalonMiner logo and the prominent cooling fans.



Figure 4: A side view of the Avalon 1246 miner with the casing partially open, showing the internal heatsinks and circuit boards.

6. Maintenance

Regular maintenance helps ensure the longevity and stable operation of your miner.

- **Dust Removal:** Periodically clean dust from the fans and heatsinks using compressed air. Ensure the miner is powered off and unplugged before cleaning.
- **Environmental Control:** Maintain a stable operating environment within the specified temperature and humidity ranges. Excessive dust or humidity can lead to component failure.
- **Firmware Updates:** Check the OEMGMINER official website for any available firmware updates. Apply updates as recommended to improve performance or address security vulnerabilities.

7. Troubleshooting

If you encounter issues, refer to the following common troubleshooting steps:

- **No Power:** Check the power cable connection and the electrical outlet. Ensure the voltage is correct (220V-240V).
- **No Network Connection:** Verify the Ethernet cable is securely connected. Check your router and network settings. Restart the miner and your network equipment.
- **Low Hashrate:** This could be due to network issues, incorrect pool configuration, or overheating. Check the miner's web interface for error messages or high temperatures. Ensure proper ventilation.
- **Overheating:** Ensure fans are operating correctly and are free from obstructions. Improve ambient airflow. Check the operating temperature in the web interface.

For persistent issues, contact OEMGMINER customer support.

8. Specifications

Detailed technical specifications for the OEMGMINER Avalon 1246-87T ASIC Miner:

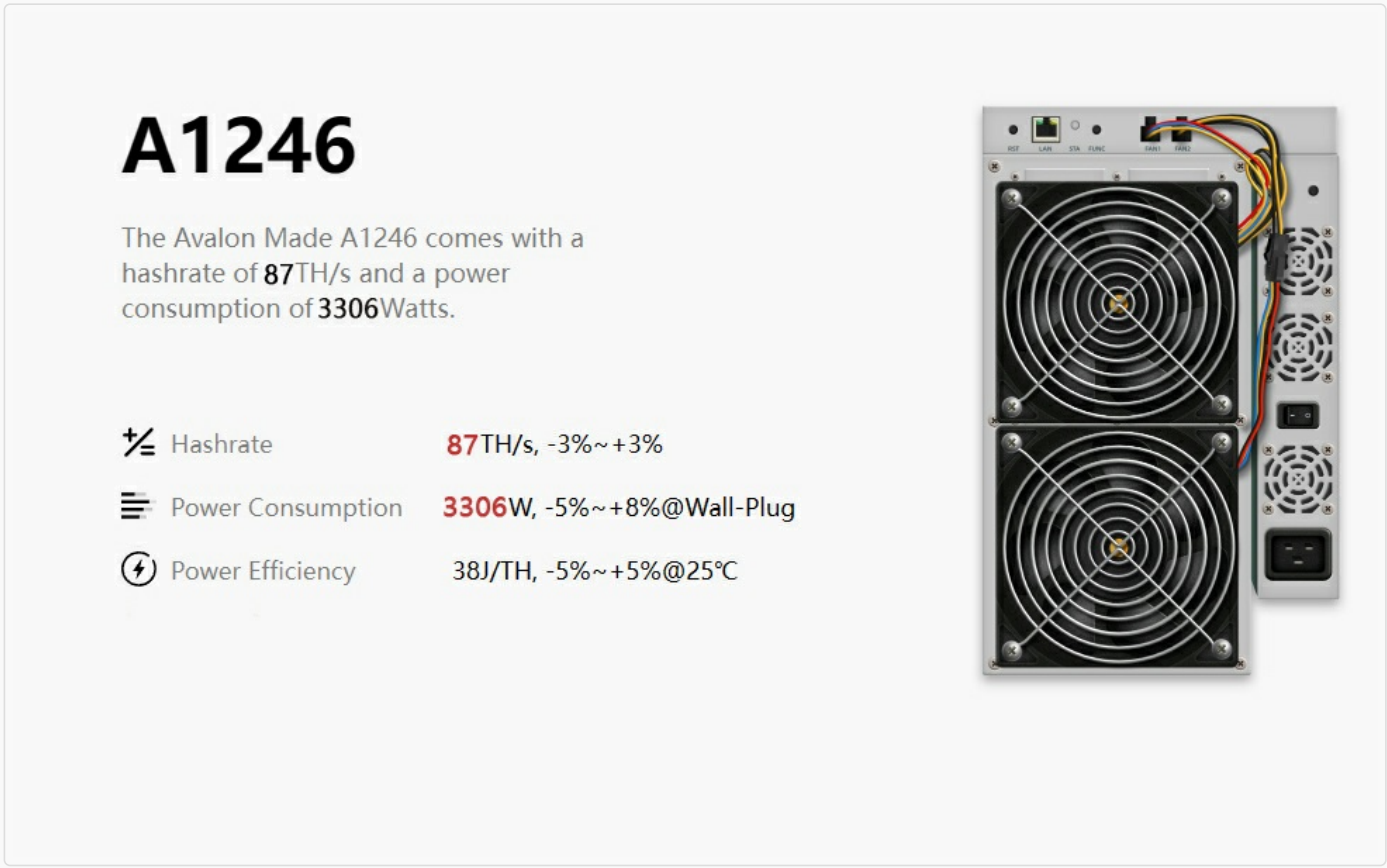


Figure 5: An image displaying the core performance metrics of the Avalon 1246 miner, including its 87 TH/s hashrate, 3306W power consumption, and 38 J/TH power efficiency.

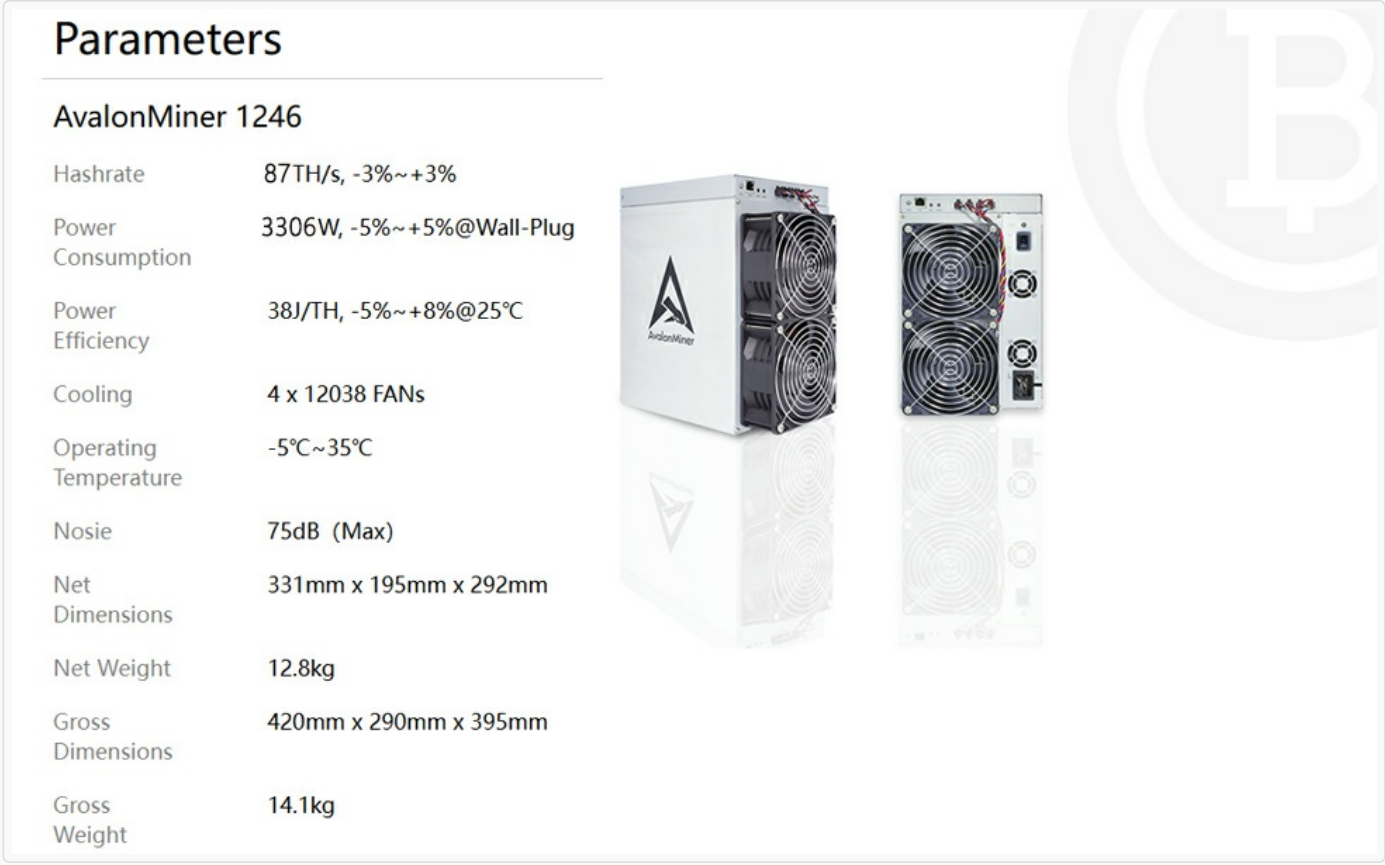


Figure 6: A comprehensive table outlining the technical specifications of the AvalonMiner 1246-87T, including voltage, cooling, operating temperature, noise level, and physical dimensions.

Parameter	Value
Model Name	Avalon 1246-87T
Hashrate	87 TH/s (-3% ~ +3%)
Power Consumption	3306W (-5% ~ +8% @Wall-Plug)
Power Efficiency	38 J/TH (-5% ~ +5% @25°C)
Voltage	220V-240V
Cooling Method	Air (4 x 12038 Fans)
Operating Temperature	-5°C ~ 35°C
Noise Level	75dB (Max)
Net Dimensions	331mm x 195mm x 292mm
Net Weight	12.8 kg (29 pounds)
Gross Dimensions	420mm x 290mm x 395mm
Gross Weight	14.1 kg
Manufacturer	OEMGMINER
UPC	717164750503

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official OEMGMINER website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

© 2023 OEMGMINER. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0C6XYJBLZ

More documents and user manuals: **https://manuals.plus/**