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MinerAsic AL MAX High Performance ASIC Miner Owner's Manual

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MinerAsic AL MAX High-Performance ASIC Miner

Specifications

Feature	Details
Manufacturer	Goldshell
Model	AL MAX
First Release	November 2024
Mining Algorithm	Blake3
Maximum Hashrate	8.3 TH/s (+-5%)
Power Consumption	3350W
Input Voltage	110-240V
Interface	Ethernet
Dimensions	200 mm x 264 mm x 290 mm
Weight	8.5 kg
Noise Level	45 dB

Product Usage Instructions

Setup Instructions:

To set up your Goldshell AL MAX ASIC miner, follow these steps:

1. Ensure the input voltage is within the range of 110-240V.
2. Connect the miner to a stable internet connection using the Ethernet interface.
3. Place the miner in a well-ventilated area with sufficient airflow.
4. Power on the miner and configure the mining settings as per your preferences.

Maintenance:

To maintain your AL MAX for optimal performance:

1. Clean the cooling fans regularly to prevent dust buildup.
2. Monitor the temperature and humidity levels to ensure the miner operates within safe parameters.
3. Check for software updates periodically to enhance efficiency and security.

Troubleshooting:

If you encounter any issues with your AL MAX miner:

1. Check the power supply and connections.
2. Inspect the fans for any obstructions.
3. Contact customer support for further assistance if needed.

Complete Guide to the AL MAX (Goldshell)

Introduction

The AL MAX from Goldshell is a high-performance ASIC miner designed for mining Alephium (ALPH) using the Blake3 algorithm. With a maximum hash rate of 8.3 TH/s (+-5%) and power consumption of only 3350W, the AL MAX offers excellent performance and efficiency for miners interested in Alephium. Released in November 2024, this model is an ideal solution for those looking to mine Alephium efficiently and profitably. The AL MAX is a great choice for both individual and small-scale mining setups due to its compact size and relatively low power consumption. This guide will cover the AL MAX's specifications, mineable coins, setup instructions, and best practices for maintenance and troubleshooting.

Technical Specifications of the Goldshell AL MAX

Feature	Details
Manufacturer	Goldshell
Model	AL MAX
First Release	November 2024
Mining Algorithm	Blake3
Maximum Hashrate	8.3 TH/s (+-5%)
Power Consumption	3350W
Input Voltage	110-240V
Interface	Ethernet
Dimensions	200 mm x 264 mm x 290 mm
Weight	8.5 kg
Noise Level	45 dB

Feature	Details
Cooling Fans	2
Temperature	5 – 35 °C
Humidity	5 – 85 %

Key Features:

1. High Hashrate: The AL MAX delivers an impressive 8.3 TWs (+-5%) hash rate, making it a highly competitive choice for mining Alephium (ALPH) with the Blake3 algorithm.
2. Low Power Consumption: With a power consumption of only 3350W, the AL MAX is energy- efficient, offering a great balance of power and performance for Alephium mining.
3. Compact Design: The AL MAX is compact, with dimensions of 200 x 264 x 290 mm, and weighs just 8.5 kg. This makes it well-suited for both home and small-scale mining operations where space and energy are valuable resources.
4. Noise Level: Operating at a moderate noise level of 45 dB, the AL MAX can be used in environments where noise may be a consideration, such as home offices or small data centers.
5. Cooling: Equipped with 2 fans, the AL MAX ensures proper cooling, keeping the device at an optimal temperature range for continuous mining operations.

The AL MAX is optimized for mining Alephium (ALP H) using the Blake3 algorithm. Alephium is a next-generation blockchain designed to provide scalability and decentralization, making it a promising coin for miners seeking new opportunities.

Cryptocurrency Symbol Algorithm
Alephium ALPH Blake3

Alephium (ALPH)
The Alephium (ALPH) blockchain is designed to overcome the scalability issues faced by other cryptocurrencies. It uses Blake3 for its hashing algorithm, which is efficient and fast. The AL MAX is specifically built to mine Alephium, and its powerful hash rate of 8.3 TH/s allows miners to contribute to the Alephium network while earning rewards.

Where to Buy the AL MAX
You can purchase the AL MAX directly from Goldshell or authorized resellers. Here are some recommended platforms:

Purchase Platform
Goldshell Official
Link
goldshell.com
Note

- Direct purchase from the manufacturer, ensuring warranty
- Authorized Resellers **minerasic.com** Reputable resellers with warranty and after-sales support
- Authorized Resellers: Trusted resellers provide competitive pricing and reliable post-purchase support.

Setup and Installation

Initial Setup Instructions

1. Power Supply Requirements: The Goldshell AL MAX requires an input voltage of 110-240V and consumes 3350W. Ensure that you use a stable and capable power supply that can handle the miner's requirements.
2. Network Setup: The AL MAX features an Ethernet port for network connectivity. Ensure that the miner is connected to a reliable high-speed internet connection to avoid interruptions in mining.
3. Placement: The AL MAX should be placed in a cool and dry location with good ventilation. The miner's operating temperature range is 5 – 35 °C, so ensure the environment stays within this range.
4. Ethernet Configuration: Once connected to the network, access the AL MAX's IP address through a browser to configure the mining pool settings, monitor performance, and adjust other settings as needed.

Maintenance of the AL MAX

1. Routine maintenance will help ensure the AL MAX operates at peak efficiency. Here are some tips:
2. Cooling System: The AL MAX has 2 cooling fans. Regularly check the fans for dust buildup and clean them to ensure proper airflow and cooling. The miner operates best when kept within the temperature range of 5 – 35 °C.
3. Firmware Updates: Regular firmware updates from Goldshell can improve the miner's performance and security. Keep the firmware up to date by visiting the Goldshell website or the miner's control panel.
4. Network Connection: Ensure that the Ethernet connection is stable to avoid mining interruptions. A consistent high-speed internet connection is essential for continuous mining.
5. General Cleaning: Periodically clean the miner's exterior, especially the fans and intake vents, to prevent dust buildup that could impact performance.

Troubleshooting the AL MAX

1. If you encounter issues with the AL MAX, here are some troubleshooting tips:
2. Miner Not Responding: If the miner does not respond, check the power supply and Ethernet connection. Try restarting the miner and ensuring it has access to the internet.
3. Overheating: If the miner is overheating, check the cooling fans and ensure they are functioning properly. Clean any dust or debris that may be blocking airflow.
4. Low Hashrate: If the miner's hash rate is lower than expected, verify that the mining pool settings are configured correctly. You may also want to check for firmware updates or reset the miner to its default settings.

The AL MAX from Goldshell is a highly efficient and reliable choice for Alephium (ALPH) miners. With its 8.3 TH/s hash rate, low power consumption of 3350W, and compact design, the AL MAX is perfect for home miners, small-scale operations, or anyone looking to mine Alephium with minimal power usage. By following the setup, maintenance, and troubleshooting steps outlined in this guide, you can ensure optimal performance and maximize your profit.t

Frequently Asked Questions

- **Q: What coins can be mined using the AL MAX?**
  A: The AL MAX is optimized for mining Alephium (ALPH) using the Blake3 algorithm.
- **Q: Where can I purchase the AL MAX?**

A: You can buy the AL MAX directly from Goldshell's official website or authorized resellers like **minerasic.com.**

Documents / Resources

	MinerAsic AL MAX High Performance ASIC Miner [pdf] Owner's Manual AL MAX High Performance ASIC Miner, AL MAX, High Performance ASIC Miner, Performance ASIC Miner, ASIC Miner, Miner

References

- G **Goldshell Official – Mining with Quality And Trust**
- **MinerAsic- IT Trusted Vendor Cryptocurrency Mining Hardware**
- **minersworld.com/**
- **User Manual**