



MinerAsic VolcMiner Mini High Performance ASIC Miner Owner's Manual

[Home](#) » [MinerAsic](#) » MinerAsic VolcMiner Mini High Performance ASIC Miner Owner's Manual 

Contents

- [1 MinerAsic VolcMiner Mini High-Performance ASIC Miner](#)
- [2 Technical Specifications](#)
- [3 Introduction](#)
- [4 VolcMiner Price](#)
- [5 Volcminer Mini Maintenance](#)
- [6 Overclocking the Volcminer Mini \(2.2Gh/s\)](#)
- [7 FAQ](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)



MinerAsic VolcMiner Mini High-Performance ASIC Miner



Technical Specifications

- **Manufacturer:** VolcMiner
- **Model:** Mini
- **Release Date:** January 2025
- **Mining Algorithm:** Scrypt
- **Maximum Hashrate:** 2.2 Gh/s
- **Energy Consumption:** 500W
- **PSU:** Built-In
- **Interface:** Ethernet
- **Dimensions:** 133 x 202 x 173 mm
- **Weight:** 3700g
- **Noise Level:** 55db
- **Operating Humidity:** 5% – 95%

Cryptocurrencies Mineable

Cryptocurrency	Symbol	Algorithm
Litecoin	LTC	Scrypt

Where to Buy

Purchase the Volcminer Mini (2.2Gh/s) from:

- [VolcMiner Official Store](#) – Direct purchase from the manufacturer
- [Premium Resellers](#) – Official warranty and support

Maintenance: Device Cleaning and Care

1. **Regular Cleaning:** Dust can impair performance. Clean the device every 1-2 months or more frequently in dusty environments using a soft cloth, brush, or compressed air.
2. **Fan Inspection:** Inspect the internal fan every 3-4 months. Replace faulty fans immediately to avoid overheating.
3. **Firmware Updates:** Keep the miner's firmware up to date for optimal performance. Check for updates regularly through the device's web interface.

Introduction

- The Volcminer Mini is a high-performance ASIC miner, designed specifically for mining cryptocurrencies that use the Scrypt algorithm. With a maximum hash rate of 2.2 Gh/s and an energy consumption of 500W, this compact device is ideal for both beginner and professional miners looking for an efficient and cost-effective mining solution.
- This guide provides a comprehensive overview of the technical specifications of the Volcminer Mini, purchase options, best maintenance practices, safe overclocking methods, and other crucial aspects to optimize the use of this device.

Cryptocurrencies Mineable

The Volcminer Mini supports mining cryptocurrencies that use the Scrypt algorithm, including:

- Cryptocurrency Symbol Algorithm
- Litecoin LTC Scrypt
- Dogecoin DOGE Scrypt
- Verge XVG Scrypt
- Auroracoin AUR Scrypt
- Emerald EMD Scrypt
- Gulden NLG Scrypt
- Florin coin FLO Scrypt
- GameCredits GAME Scrypt
- Einsteinium EMC2 Scryp

Where to Buy the [Volcminer Mini \(2.2Gh/s\)](#)

• Purchase Options

You can buy the Volcminer Mini (2.2Gh/s) from the official VolcMiner website. Ensure that you purchase from reliable channels to guarantee product quality and proper support.

• Purchase Platform Link Note

VolcMiner Official Store www.volcminer.com

Direct purchase from the manufacturer

- Premium Resellers <https://minerasic.com> Official warranty and support

VolcMiner Price

Why MinerAsic is Your Best Choice

When purchasing an [ASIC miner](#), it's essential to balance price with quality, reliability, and support. MinerAsic is a leading global reseller offering competitive prices without compromising on product performance or service.

Why Choose [MinerAsic](#)?

1. **Top-Quality Products:** MinerAsic offers high-performance miners from trusted brands, ensuring durability and efficiency.
2. **Competitive Pricing:** MinerAsic offers affordable pricing combined with exceptional quality, ensuring the best return on investment.
3. **Expert Support:** MinerAsic provides professional installation assistance, troubleshooting, and warranty coverage.
4. **Global Trust:** Known for professionalism and excellent customer service, MinerAsic is a trusted partner for miners worldwide.

Volcminer Mini Maintenance

Device Cleaning and Care

To maintain your Volcminer Mini in optimal condition, adhere to the following routine:

1. Regular Cleaning

- Dust can impair performance. Clean the device every 1-2 months or more frequently in dusty environments.
- **Method:** Use a soft cloth, a brush, or compressed air. Be careful not to damage internal components.

2. Temperature Monitoring

- Keep the temperature between 5°C and 45°C to prevent overheating and hardware damage.
- **Solution:** Ensure the miner is placed in a well-ventilated area, and consider additional cooling if necessary.

3. Fan Inspection

- Inspect the internal fan every 3-4 months to ensure it's functioning properly.
- **Replacement:** If the fan is faulty, replace it immediately to avoid overheating.

4. Firmware Updates

- Keep the miner's firmware up to date to ensure optimal performance and to fix bugs.
- **Frequency:** Regularly check for firmware updates through the device's web interface.

Overclocking the Volcminer Mini (2.2Gh/s)

What is Overclocking?

Overclocking increases the miner's hash rate, but it also increases energy consumption and heat generation. It's important to proceed cautiously to avoid damaging the device.

Overclocking Procedure

1. Access the miner's web interface by entering the IP address in your browser.

2. Go to the “Overclocking” section and gradually increase the clock frequency (by 5% at a time).
3. Monitor temperature and energy consumption carefully.

Precautions for Overclocking

1. **Cooling:** Ensure your cooling system is sufficient as higher frequencies generate more heat.
2. **Stability Testing:** After each adjustment, verify the device’s stability and performance.

Tips for Optimal Use

1. Initial Setup and Installation

- Place the miner in a clean, well-ventilated area to optimize efficiency.
- Use efficient, certified power supplies to prevent energy losses and power overloads.

2. Troubleshooting Common Issues

- Connection Issues: Ensure proper network settings and connectivity.
- Hardware Failures: Replace faulty components such as fans or power supplies.
- Software Errors: Restart the miner or perform a reset to fix system issues.

3. Device Security

- Use a VPN and configure a firewall to protect your miner from cyberattacks.
- Always update firmware to address security vulnerabilities and improve performance.

4. Periodic Maintenance

- Regularly inspect cables and connectors to avoid malfunctions and ensure smooth operation.

Humidity Control in Mining Environments

Managing humidity in a mining facility is critical for maintaining the performance and lifespan of your Volcminer Mini. Excessive moisture can lead to corrosion, overheating, and electrical failures. Aim to keep humidity levels between 5% and 95% to ensure your device operates safely and efficiently.

Holistic Approach to Choosing an ASIC Miner


When evaluating profitability, consider all aspects, not just hash rate and energy consumption. Diversifying your mining portfolio, factoring in hardware costs, and choosing miners with multi-algorithm support (like the Scrypt algorithm of the Volcminer Mini) can provide long-term stability and higher returns on investment. By adopting these practices, you can maximize the performance and lifespan of your [Volcminer Mini \(2.2Gh/s\)](#), ensuring a successful and profitable mining operation.

FAQ




Q: Can the Volcminer Mini mine other cryptocurrencies apart from those listed in the manual?

A: The Volcminer Mini is designed specifically for cryptocurrencies that use the Scrypt algorithm. Mining other cryptocurrencies may not be efficient or supported.

Documents / Resources

	MinerASIC VolcMiner Mini High Performance ASIC Miner [pdf] Owner's Manual Mini, VolcMiner Mini High Performance ASIC Miner, VolcMiner Mini, High Performance ASIC Miner, Performance ASIC Miner, ASIC Miner, Miner
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References

-  [VolcMiner](#)
-  [MinerAsic- IT Trusted Vendor Cryptocurrency Mining Hardware](#)
-  [MinerAsic- IT Trusted Vendor Cryptocurrency Mining Hardware](#)
- [User Manual](#)

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