Jasminer 5800MH-S 1900w High Throughput Power Server ETC Mining Machine Instructions

Complete Guide to the Jasminer X16-P (5800Mh)

Contents

Introduction

The **Jasminer X16-P (5800Mh)** is a powerful yet efficient EtHash ASIC miner designed specifically for home and office use. As one of the most profitable miners for Ethereum Classic (ETC) and other EtHashbased coins, it boasts a hashrate of 5800 MH/s and a power consumption of just 630W. Thanks to its compact size and low noise level of 40 db, it is perfect for small mining setups, whether for individual miners or small-scale businesses.

Not only is the **Jasminer X16-P** well-suited for Ethereum Classic, but it also supports mining other coins like Musicoin (MUSIC) and Ubiq (UBQ), all of which use the EtHash algorithm. This guide will provide a

comprehensive overview of the **Jasminer X16-P**, covering its technical specifications, mining capabilities, installation and setup tips, and maintenance practices.

By following this guide, you will learn how to optimize your mining setup to achieve the best possible performance, longevity, and profitability with the **Jasminer X16-P (5800Mh)**.

Technical Specifications of the Jasminer X16-P (5800Mh)

The **Jasminer X16-P** stands out with its energy efficiency and versatility in mining various EtHash coins.

Below are the full technical specifications:

Feature	Details
Manufacturer	Jasminer
Model	Jasminer X16-P
First Release	Sep-24
Mining Algorithm	EtHash
Maximum Hashrate	5800 MH/s ± 5%
Power Consumption	630W ± 10%
AC Input Voltage	12 V
Interface	Ethernet
Noise Level	40 db
RAM	8 GB
Dimensions	270 mm x 135 mm x 160 mm
Weight	2.4 kg
Operating Temperature	0°C – 40°C
Operating Humidity	5% – 95%

Key Highlights:

1. **Energy Efficiency:** With a power consumption of 630W, the Jasminer X16-P is an extremely efficient miner, making it an attractive choice for home or small-scale miners looking to reduce electricity costs.
2. **Hashrate:** At 5800 MH/s, it delivers impressive mining performance, allowing miners to efficiently mine Ethereum Classic (ETC), Musicoin (MUSIC), and Ubiq (UBQ) while maintaining relatively low power consumption.
3. **Compact and Quiet:** Its compact size (270 mm x 135 mm x 160 mm) and low noise level (40 dB) make it ideal for home or office environments where space and noise might be a concern.
4. **Reliability:** The miner comes with 8 GB of RAM, providing reliable operation over long periods and ensuring smooth mining performance without system crashes or interruptions.

Mineable Coins

The Jasminer X16-P is compatible with a variety of EtHash coins. Here's a list of the main coins it can mine:

Cryptocurrency	Symbol	Algorithm
Ethereum Classic	ETC	EtHash
Musicoin	MUSIC	EtHash
Ubiq	UBQ	EtHash

Ethereum Classic (ETC)
Ethereum Classic is one of the most well-known coins using the EtHash algorithm. After the Ethereum network forked in 2016, Ethereum Classic continued with the original blockchain. It remains an attractive asset for miners due to its historical significance and relatively stable network.

Musicoin (MUSIC)
Musicoin is a decentralized music platform that rewards artists for their content. It's mined using EtHash, and the **Jasminer X16-P** can effectively mine MUSIC, contributing to the music industry's blockchain revolution.

Ubiq (UBQ)
Ubiq is a smart contract platform based on the Ethereum codebase. It is also powered by the EtHash algorithm, making it an excellent alternative for miners who want to diversify their portfolio beyond Ethereum Classic.

Other Coins
The **Jasminer X16-P** is capable of mining any coin that uses the EtHash algorithm, providing flexibility for miners who may want to switch between coins depending on market conditions.

Where to Buy the Jasminer X16-P (5800Mh)

Purchase Options
The **Jasminer X16-P** can be purchased directly from Jasminer or through authorized resellers. It's essential toensure you are buying from a trusted source to guarantee the product's quality and authenticity.

Purchase Platform	Link	Note
Jasminer Official Store	**jasminer.com**	Direct purchase from the manufacturer
Premium Resellers	**minerasic.com**	Reputable resellers with warranty support

- Jasminer Official Store: Purchasing directly from the official store ensures that you receive the latest version of the miner and full warranty and support from the manufacturer.
- Premium Resellers: Trusted third-party resellers like **MinerAsic** provide excellent after-sales service and typically offer competitive pricing.

Setup and Installation

Initial Setup

1. Power Supply: The **Jasminer X16-P** requires a 12V power supply and consumes 630W. Ensure you use a high-quality power supply unit (PSU) to ensure stable operation. Low-quality PSUs can lead to instability or damage to the miner.
2. Network Setup: Connect the miner to your local network using the Ethernet port. Ensure the network connection is stable and the miner is properly configured to communicate with the mining pool.
3. Miner Placement: Place the miner in a cool and well-ventilated area. Avoid locations with high humidity or temperatures outside the recommended range of 0°C to 40°C. The miner should have enough airflow to prevent overheating.

4. Ethernet Configuration: Once powered on, access the miner's interface through its IP address. Configure it with the necessary details for connecting to a mining pool.

Maintenance of the [Jasminer X16-P (5800Mh)](#)

Routine Maintenance

1. Fan Cleaning and Dusting:

   o Clean the fans regularly using compressed air or a soft brush to remove dust and debris.

   o Wipe down the miner's exterior to keep it dust-free, especially around the ventilation openings.

2. Temperature Control:

   o Ensure the miner is operating within the recommended temperature range of 0°C to 40°C.

   o Use external cooling solutions if necessary, such as additional fans or air conditioning, if the ambient temperature is high.

3. Humidity Monitoring:

   o The miner should be in an environment with a humidity level between 5% and 95%. High humidity can cause electrical failures or corrosion.

   o Use a dehumidifier if you are in a region with high moisture in the air.

4. Firmware Updates:

   o Regularly check the miner's interface for any available firmware updates. New firmware versions can provide performance improvements and fix any bugs.

Overclocking the [Jasminer X16-P (5800Mh)](#)

Overclocking is the process of increasing the miner's clock speed to boost its hashrate, but it must be done carefully to avoid damage.
Overclocking Procedure

1. Access the Web Interface: Log in to the miner's control panel through its IP address.

2. Adjust Hashrate Settings: In the overclocking section, increase the clock speed gradually by 5% increments. Monitor the miner for stability after each change.

3. Monitor Power and Temperature: Overclocking increases power consumption and generates more heat. Ensure the miner's temperature does not exceed 40°C, and monitor the power draw.

Precautions

- Cooling is Essential: Overclocking generates more heat. Ensure your cooling setup is capable of handling the additional thermal load.

- Stability: Always test the miner's stability after each overclocking adjustment to ensure it runs smoothly.

The [Jasminer X16-P (5800Mh)](#) is an excellent choice for miners looking to efficiently mine EtHash coins like Ethereum Classic (ETC), Musicoin (MUSIC), and Ubiq (UBQ). Its low power consumption, compact design, and quiet operation make it a perfect option for home or office mining setups. By following the recommended setup, maintenance, and overclocking guidelines, you can maximize the miner's performance and profitability.

Documents / Resources

	Jasminer 5800MH-S 1900w High Throughput Power Server ETC Mining Machine [pdf] Instructions 5800MH-S 1900w High Throughput Power Server ETC Mining Machine, 5800MH-S, 1900w High Throughput Power Server ETC Mining Machine, Throughput Power Server ETC Mining Machine, Power Server ETC Mining Machine, Server ETC Mining Machine, ETC Mining Machine, Mining Machine

References

- **JASMINER**
- **MinerAsic- IT Trusted Vendor Cryptocurrency Mining Hardware**
- **MinerAsic- IT Trusted Vendor Cryptocurrency Mining Hardware**
- **User Manual**