FLUMINER

T3

Operation Instructions

February 2026

FLUMINER

Flu Electronic Technology (Hong Kong) Co., Limited

1. Product Overview

1.1 Product Introduction

The FLUMINER T3 is a high-performance home mining rig specifically designed by Flu Electronic Technology (Hong Kong) Co., Limited for Bitcoin mining (utilizing the SHA-256 algorithm). It employs an industry-leading customized chip architecture to deliver an impressive hash rate of **115 TH/s** while minimizing power consumption to an extremely low **1,700W**, significantly lower than similar silent mining rigs, thereby substantially reducing household electricity costs.

Notably, the FLUMINER T3 excels in balancing silence and heat dissipation. It is equipped with an innovative opposing turbine silent system and magnetic levitation bearing fans, keeping operational noise levels between **50 and 60 decibels**, comparable to the noise level of a quiet conversation or a library environment, making it highly suitable for use in bedrooms, studies, and other home settings without causing disruptions.

Additionally, the FLUMINER T3 boasts exceptional thermal management capabilities. It utilizes customized thermal grease and an opposing vortex recirculation airflow design, combined with an air-cooling system, to maintain core temperatures around **65℃** even during prolonged full-load operation, ensuring stable performance without hash rate drops. With its compact **3U server form factor** (measuring just **450mm × 140mm × 300mm**) and support for wide voltage input, it is suitable for high-density deployment in IDC data centers while also seamlessly integrating into home environments, providing customers with a stable and efficient return on investment.

In summary, with its flagship-level hash rate, extreme energy efficiency, library-level quiet operation, superior heat dissipation performance, and versatile application scenarios, the FLUMINER T3 is the ideal choice for silent home mining and small-to-medium-sized IDC data center deployments.

1.2 Main Features

- **Silent Design**: Operating noise as low as **50dB-60dB**;
- **High Energy Efficiency**: Compatible with household power grids, safe and stable;
- **Easy Operation**: One-button start.

1.3 Mining Rig Specifications

- **Hashrate**: 115T±5%
- **Supported Currencies**: BTC/BCH/NMC/FB/SYS/ELA
- **Power Consumption**: 1700W±10%
- **Cooling Method**: Air Cooling
- **Noise Level**: ≈50dB (when ambient noise <20dB)

- **Dimensions**: 447×350×131mm

- **Network**: RJ45 Ethernet 10M/100M, WiFi 5.0

1.4 Packing List

- Fluminer T3 Mining Rig x1

- Power Cord x1

- Server Brackets x1

2. Installation Preparation

2.1 Pre-Use Inspection

1. After unpacking, check if the casing is deformed or if the interfaces are damaged. If any damage is found, please contact your dealer or FLUMINER customer service for after-sales service immediately.

2. Check for any abnormal noises, metallic clanging sounds, or loose/missing screws. If any are found, do not power on the machine and contact your dealer or FLUMINER customer service for after-sales service.

2.2 Environmental Requirements

- Place the equipment in a well-ventilated area and do not obstruct the air inlet and outlet;

- Avoid sharing an outlet with other high-power equipment and ensure the outlet's ground wire is connected to the earth;

- Keep out of reach of children;

- **Operating Temperature**: 0 ~ 35℃

- **Operating Humidity**: 10 ~ 90%RH (non-condensing)

- **Operating Altitude**: ≤2000m

2.3 Power Requirements

- **Input Voltage**: 220V ~ 240V AC

- **Input Frequency**: 50 ~ 60 Hz

- **Input Current**: 16A (Max)

2.4 Network Requirements

- Suitable network environment for mining;

- RJ45 Ethernet 10M/100M;

- 2.4G/5.0G WiFi.

2.5 Precautions

1. Place the device in a safe and stable location during operation to prevent falls and other accidents;

2. Connect the device to a non-PoE router or switch and only via wired connection to a router or switch that does not support the 2.4GHz band (if necessary);

3. Do not stack the device or cover it with other items to avoid affecting heat dissipation;

4. Operate the device within the recommended environment (temperature: 0~35℃, humidity: 10~90%RH non-condensing) to avoid affecting normal operation or performance;

5. Protect the device from dust and foreign objects to prevent corrosion of the motherboard and malfunction;

6. Do not modify the device yourself or use software/firmware other than those from the official FLUMINER website; damage caused by this is not covered under warranty;

7. For safety, do not remove any screws or fasteners from the product;

8. To ensure smooth warranty service, do not remove any labels or stickers from the product;

9. The device generates heat during operation; avoid contact with the casing.

3. Operation Steps

3.1 Connecting Devices

1. Insert the power cord and connect it to the socket;

2. Connect the router and the mining rig using an Ethernet cable;

3. Screw in the provided WiFi antennas.
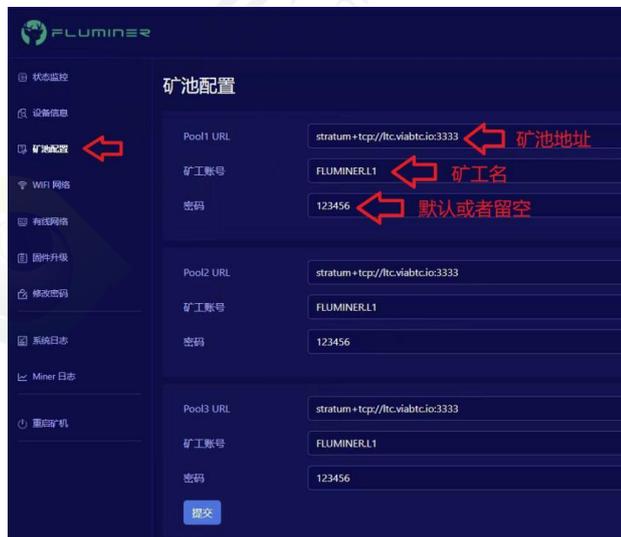

3.2 Starting the Mining Rig

A green indicator light illuminates when the equipment is operating normally.

3.3 Logging into the Web-Based Backend

1. Use a batch management tool for mining rigs or query the IP address displayed on the mining rig screen, then use a PC/laptop/tablet or other terminal device on the same network segment to open a browser, enter the mining rig's IP address in the webpage, and access the web backend;

2. If the FLUMINER machine is not connected to a network cable, it can use hotspot mode. After powering on, open the computer's WiFi configuration; an open WiFi network named **"flu_T3_xxxx"** will appear. After connecting, enter **10.42.0.1** in the browser, open the webpage, enter the WiFi name and password, and then restart.

3.4 Changing Configuration (Mining Pool Configuration)

1. Changing Mining Pool

2. Changing Miner Name

3.5 Changing Operating Mode

1. **Silent Mode**: Pursues the quietest effect and energy efficiency ratio;

2. **Normal Mode**: Combines silent operation with a balance between computing power and other parameters;

3. **High-Efficiency Mode**: Represents the highest computing power mode. High-efficiency mode increases device operating efficiency but also power consumption and heat generation. Ensure the device is in a good heat dissipation and ventilation environment; otherwise, it may cause system instability.

4. Daily Operations

4.1 Starting the Miner

Connect the power supply and network cable (or connect to WiFi). The device will begin running.

4.2 Stopping the Miner

1. Disconnect the network (unplug the network cable or disconnect WiFi);

2. Run for 3 minutes, then unplug the power cord.

4.3 Checking Status

- View the miner's operating status (hashrate, stability, power consumption, etc.) on the device screen;

- View the miner's operating status through the web page;

- View the miner's operating status (hashrate, rejection rate, etc.) through the mining pool account.
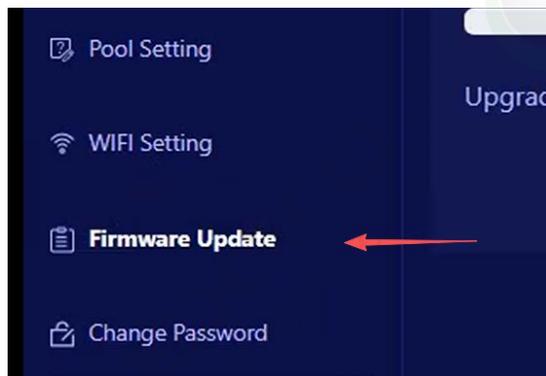
5. Maintenance and Care

5.1 Regular Cleaning

1. Inspect the air inlet and outlet of the device every two weeks and remove accumulated dust;

2. Use a dry, soft-bristled brush or a hairdryer on low speed to clean dust.

5.2 Firmware Upgrade

1. Pay close attention to firmware update information and update instructions on the official website;

2. Update via the web interface.

5.3 Fan Check

If the fan noise increases, please contact customer service for a replacement.

6. Common Problems and Solutions

6.1 Mining Machine Cannot Connect to Network

Check your network connection or restart your router.

6.2 Mining Machine Overheating

1. Ensure it is placed in a well-ventilated location and clean dust from the air inlet and outlet;

2. If the operating time exceeds one year, please replace the heatsink thermal conductive material.

6.3 Mining Pool's Mining Machine Status Has Not Been Updated

1. Check if the mining pool account is correct;

2. After the equipment starts, wait about 10 minutes to confirm.

7. Technical Support and After-Sales Service

7.1 Warranty Coverage

Free repair for non-human-caused damage within 360 days.

7.2 Contact Customer Service

- Telegram: https://t.me/fluminergroup

- Email: fluminer2024@gmail.com