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QIO TECH Antminer T17+

Antminer T17+ 58TH/S Bitcoin Miner User Manual

Model: Antminer T17+ | Brand: QIO TECH

1. Introduction and Overview

This manual provides essential information for the safe and efficient operation of your Antminer T17+ 58TH/S Bitcoin Miner. The Antminer T17+ is a high-performance ASIC miner designed for Bitcoin mining, offering a hash rate of 58 TH/s. It is engineered for robust and continuous operation in a suitable environment.

Figure 1.1: Front view of the Antminer T17+ Bitcoin Miner, showcasing its compact design and cooling fans.

Key features include a power consumption of approximately 2900W and an efficiency rating of 93.88%. Proper setup and maintenance are crucial for optimal performance and longevity of the device.

2. Safety Information

WARNING: The Antminer T17+ 58TH/s requires a specific input voltage of 220V. Connecting the device to an incorrect voltage supply (e.g., 110V) will likely cause severe damage to the miner and may pose a fire hazard. Always verify your power source before connecting the device.

- Ensure the installation environment is well-ventilated to prevent overheating.
- Do not operate the miner in damp or dusty conditions.
- Keep the device away from flammable materials.
- Only use power cords and power supplies that meet the specified requirements.
- Unplug the device from the power source before performing any maintenance or cleaning.
- Be aware that cryptocurrency mining involves financial risks, including changes in exchange rates and mining algorithms.

3. Setup Guide

3.1 Unpacking

Carefully remove the Antminer T17+ from its packaging. Inspect the device for any signs of physical damage that may have occurred during transit. Retain the original packaging for future transport or storage.

Figure 3.1: Two Antminer T17+ units, illustrating their typical deployment configuration.

3.2 Power Connection

The Antminer T17+ requires 220V input voltage and utilizes two power cords for operation. Connect both power cords securely to the designated power input ports on the miner and then to a compatible 220V power outlet. Ensure the power supply unit (PSU) is properly integrated with the miner.

Figure 3.2: Detailed view of the Antminer T17+ front panel, showing the network port, indicator lights, and multiple power input sockets.

3.3 Network Connection

Connect an Ethernet cable (not included) from your network router or switch to the Ethernet port on the Antminer T17+. A stable internet connection is essential for mining operations.

3.4 Placement

Place the miner in a location with adequate airflow to facilitate efficient cooling. Avoid enclosed spaces or areas where heat can accumulate. The device dimensions are 298mm (L) x 178mm (W) x 296mm (H).

4. Operating Instructions

4.1 Powering On

Once all connections (power and network) are secure, switch on the power supply. The miner will initiate its boot sequence. Observe the indicator lights on the device; they should indicate normal operation after a short period.

4.2 Initial Configuration

Access the miner's web interface via its IP address (usually obtained from your router's DHCP client list). Log in using the default credentials (refer to the manufacturer's documentation for default username and password). Configure your mining pool settings, worker name, and password within the interface.

4.3 Monitoring Operation

Regularly monitor the miner's status through its web interface. Pay attention to the reported hash rate, temperature, and fan speeds to ensure optimal performance and prevent overheating. Adjust fan settings if necessary, though automatic control is typically sufficient.

5. Maintenance

5.1 Cleaning

Periodically clean the miner to prevent dust buildup, which can impede cooling and reduce efficiency. Use compressed air to clear dust from the fans and heatsinks. Ensure the device is powered off and unplugged before cleaning.

5.2 Environmental Control

Maintain a stable operating environment. Avoid extreme temperatures and humidity fluctuations. Optimal performance is achieved in a cool, dry, and well-ventilated space.

6. Troubleshooting

- **Miner Not Powering On:**

  Check all power connections. Ensure both power cords are securely plugged in and the 220V power source is active. Verify the power supply unit is functioning correctly.

- **No Network Connection:**

  Verify the Ethernet cable is properly connected to both the miner and the router/switch. Check your network settings and ensure the miner's IP address is correctly assigned or configured.

- **Low Hash Rate:**

  Check the miner's temperature in the web interface; overheating can cause performance degradation. Ensure fans are operating correctly and are free of obstructions. Verify your mining pool settings and internet connection stability.

- **Overheating:**

  Improve ventilation in the operating environment. Clean dust from fans and heatsinks. Consider reducing ambient temperature if possible.

If issues persist, consult the manufacturer's official support resources or contact the seller for assistance.

7. Specifications

Feature	Value
Mining Hash Rate	58 ± 5% TH/s
Power Consumption	2900W ± 10%
Power Efficiency	93.88 ± 10%
Dimensions (L*W*H)	298mm * 178mm * 296mm
Cooling	2x 12038 fans
Network Connection	Ethernet (cable not included)
Item Weight	12 Kilograms (26.4 pounds)
Manufacturer	QIO TECH
Compatible Devices	Personal Computer
Form Factor	ATX
Power Supply Design	Internal

8. Warranty and Support

For warranty information and technical support, please refer to the documentation provided by the manufacturer, QIO TECH, or contact your point of purchase. Please note that a restock fee of 40% may be charged for returns within 30 days, so careful consideration before purchase is advised.
For further assistance, you may visit the manufacturer's official website or contact their customer service department. Keep your purchase receipt and product serial number readily available when seeking support.

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