

[Manuals.plus](#) /

> [QIO TECH](#) /

> QIO TECH Antminer S19j Pro 104TH/s Bitcoin Miner User Manual

QIO TECH Antminer S19j Pro 104TH/s

QIO TECH Antminer S19j Pro 104TH/s Bitcoin Miner User Manual

Model: Antminer S19j Pro 104TH/s

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your QIO TECH Antminer S19j Pro 104TH/s Bitcoin Miner. Please read this manual thoroughly before installation and use to ensure proper functionality and to prevent damage to the device or injury to personnel.

The Antminer S19j Pro 104TH/s is an Application-Specific Integrated Circuit (ASIC) miner designed for cryptocurrency mining, specifically Bitcoin (BTC). It features a high hash rate and is equipped with an integrated power supply unit (PSU).

2. SAFETY INFORMATION

- **Electrical Safety:** The required input voltage for the Antminer S19j Pro 104TH/s is **220V**. Using an incorrect voltage may cause severe damage to the miner and pose a fire hazard. Ensure your power source meets this requirement. Power cords are not included and must be purchased separately, ensuring they are rated for 220V and the miner's power consumption (approximately 3120W).
- **Ventilation:** This device generates significant heat. Ensure adequate ventilation to prevent overheating. Do not block air inlets or outlets. Maintain sufficient clearance around the miner for airflow.
- **Environment:** Operate the miner in a clean, dry, and dust-free environment. Avoid extreme temperatures and humidity.
- **Handling:** The unit is heavy (approximately 40 pounds). Use proper lifting techniques or assistance when moving.
- **Professional Installation:** If you are unfamiliar with high-power electrical equipment, consult a qualified electrician for installation.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged. The standard package includes:

- QIO TECH Antminer S19j Pro 104TH/s unit with integrated PSU
- *Note: Power cords are not included and must be sourced separately.*



Figure 1: Front and side view of the Antminer S19j Pro 104TH/s unit.

4. SETUP INSTRUCTIONS

4.1. Environmental Preparation

- Choose a location with stable power supply (220V).
- Ensure the area has excellent airflow and is free from dust and moisture.
- Maintain a safe distance from flammable materials.

4.2. Physical Installation

1. **Placement:** Place the miner on a stable, level surface. Ensure the intake and exhaust fans are unobstructed.
2. **Power Connection:** Connect the appropriate 220V power cords (not included) to the power inlets on the miner's integrated PSU. Ensure connections are secure.
3. **Network Connection:** Connect an Ethernet cable from your network router/switch to the Ethernet port on the miner's control board.



Figure 2: Rear view of the Antminer S19j Pro, highlighting power inlets and network port.

5. OPERATING INSTRUCTIONS

5.1. Initial Power-On

1. After all connections are secure, switch on the power supply. The miner will begin its boot sequence.
2. Allow a few minutes for the system to initialize.

5.2. Configuration

1. **Find Miner IP:** Use an IP scanner tool on your network to find the IP address assigned to your Antminer.
2. **Access Web Interface:** Open a web browser and enter the miner's IP address. Log in using the default credentials (usually 'root' for both username and password).
3. **Pool Settings:** Navigate to the 'Miner Configuration' or 'Pool Settings' section. Enter your mining pool URL, worker name, and password.
4. **Save and Apply:** Save the settings and apply them. The miner should begin hashing shortly.

5.3. Monitoring

Monitor the miner's status, hash rate, and temperature through its web interface. Ensure temperatures remain within acceptable operating ranges to prevent damage and ensure longevity.

6. MAINTENANCE

- **Dust Removal:** Regularly clean the miner to remove dust accumulation from fans and heatsinks. Use compressed air or a soft brush. Ensure the miner is powered off and unplugged before cleaning.
- **Environmental Checks:** Periodically check the operating environment for excessive heat, humidity, or dust.
- **Firmware Updates:** Check the manufacturer's official website for firmware updates. Apply updates as

recommended to improve performance and stability.



Figure 3: Front view of the Antminer S19j Pro, showing the cooling fans.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Miner does not power on.	No power, incorrect voltage, faulty power cord.	Check power connections, ensure 220V supply, test power cords.
Low hash rate or no hashing.	Incorrect pool settings, network issue, faulty hash board.	Verify pool settings, check network cable and connectivity, restart miner. If issue persists, contact support.
Overheating.	Poor ventilation, dust accumulation, high ambient temperature.	Improve airflow, clean fans/heatsinks, move to a cooler environment.
Cannot access web interface.	Incorrect IP address, network issue, miner not fully booted.	Verify IP address, check network connection, wait for miner to boot, try restarting router.

8. SPECIFICATIONS

Feature	Detail
Model	Antminer S19j Pro 104TH/s
Hash Rate	104 TH/s (approximate)
Power Consumption	3120W (approximate)
Input Voltage	220V AC
Product Dimensions	22.44 x 16.93 x 15.55 inches

Feature	Detail
Item Weight	40 pounds
RAM Type	DDR3 SDRAM
Hard Disk Size	15.0 KB
Manufacturer	QIO TECH

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official QIO TECH website or contact your point of purchase. Keep your purchase receipt as proof of purchase for warranty claims.

Note: Unauthorized modifications or improper use of the device may void the warranty.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B09BRCNNKH>

More documents and user manuals: <https://manuals.plus/>