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BITMAIN
S19j XP High
Performance
Miner

BITMAIN S19j XP High Performance Miner Instruction Manual

Contents

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BITMAIN S19j XP High Performance Miner

Product Information

Specifications

- **Model:** S19j XP
- **Version:** K115-210
- **Crypto algorithm/coins:** SHA256 | BTC/BCH
- **Typical hashrate, TH/s:** 151/136/130
- **Power on wall @25°C, Watt:** 3247/2924/2795
- **Power efficiency on wall @25°C, J/TH:** 21.5

Detailed Characteristics

- **Power supply:**
  - **Phase:** 3
  - **Input voltage, Volt:** 220~277
  - **Input frequency range, Hz:** 50~60
  - **Maximum input current, Amp:** 20
- **Hardware Configuration:**
  - **Network connection mode:** RJ45 Ethernet 10/100M
  - **Server size (Length*Width*Height, w/o package),mm:** 400*195*290
  - **Server size (Length*Width*Height, with package),mm:** 570*316*430
  - **Net weight, kg:** 14.9
  - **Gross weight, kg:** 16.6
  - **Noise @25°C, dBA:** 76
- **Environment Requirements:**
  - **Operation temperature:** 0~40°C
  - **Storage temperature:** -20~57°C
  - **Operation humidity, RH:** 10%~90%

- ◦ **Operation altitude, m:** 2000

Performance Curve

1. Hashrate vs. Ambient temperature
2. J/T vs. Ambient temperature

Product Usage Instructions

1. Connect the power supply to the specified phase and input voltage.
2. Ensure network connection is established using RJ45 Ethernet.
3. Place the server in a suitable environment within the specified temperature and humidity ranges.
4. Monitor the noise levels and ensure they are within acceptable limits.

FAQ

Q: What should I do if the hashrate drops significantly?
A: Check for any hardware issues, ensure proper ventilation, and monitor the temperature.

Q: How often should I clean the server for optimal performance?
A: It is recommended to clean the server periodically, at least every few months, to prevent dust buildup.

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Specification

Product Glance	Value
Model	**S19j XP**
Version	**K1-20**
Crypto algorithm/coins	**SHA256	BTC/BCH**
Typical hashrate, **TH/s**(1-1)	**151/136/130**
Power on wall @25°C(1-2), **Watt**(1-1)	**3247/2924/2795**
Power efficiency on wall@25°C(1-2), **J/TH**(1-1)	**21.5**

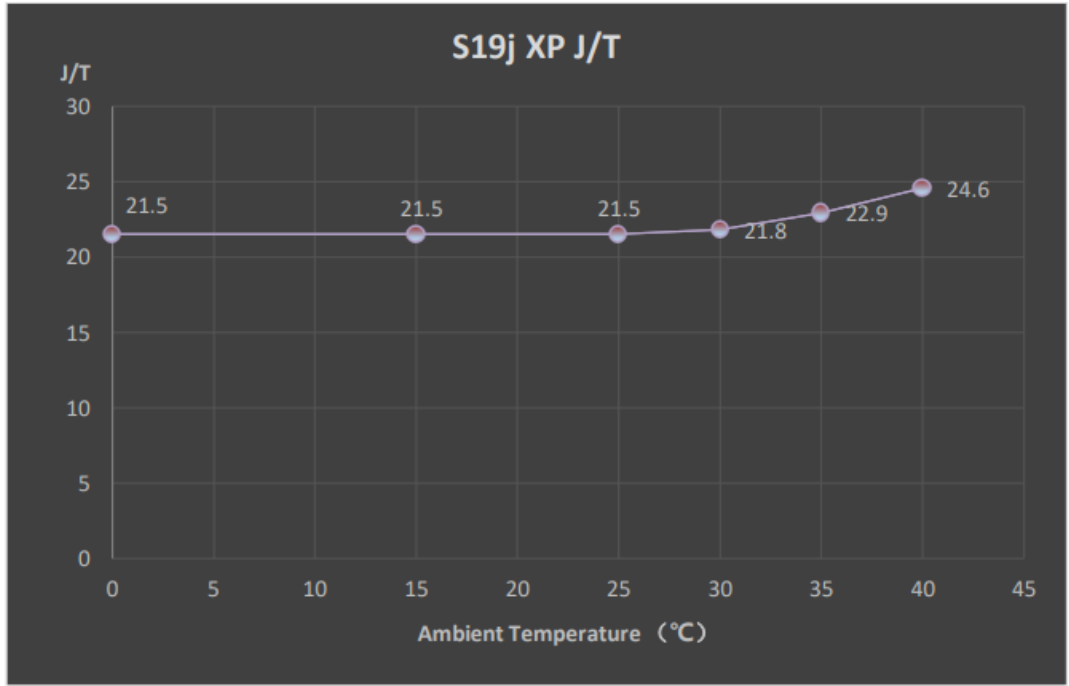| Detailed Characteristics	Value
Power supply	
Phase	**3**
Input voltage(2-1), **Volt**	**220~277**
Input frequency range, **Hz**	**50~60**
Maximum input current, **Amp**	**20**
Hardware Configuration	
Network connection mode	**RJ45 Ethernet 10/100M**
Server size (Length*Width*Height, w/o package), **mm**	**400*195*290**
Server size (Length*Width*Height, with package), **mm**	**570*316*430**
Net weight, **kg**	**14.9**
Gross weight, k**g**	**16.6**
Noise **(2-2)** @25**°C**, **dBA**	**76**
Environment Requirements	
Operation temperature, **°C**	**0~40**
Storage temperature, **°C**	**-20~70**
Operation humidity, **RH**	**10%~90%**
Operation altitude(2-3) **m**	**≤2000**

Notes:

- The Hashrate value, Power on wall, and Power efficiency on wall are all typical values, The actual Hashrate value fluctuates by ±3%, and the actual Power on wall and Power efficiency on wall fluctuate by ±5%.
- Inlet air temperature.
  - **Caution:** Wrong input voltage may probably cause server damaged.
  - **Max condition:** Fan is under max RPM(rotation per minute).
  - When the server is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1°C for every increase of 300m.

Perfermance Curve

Hashrate vs. Ambient temperature
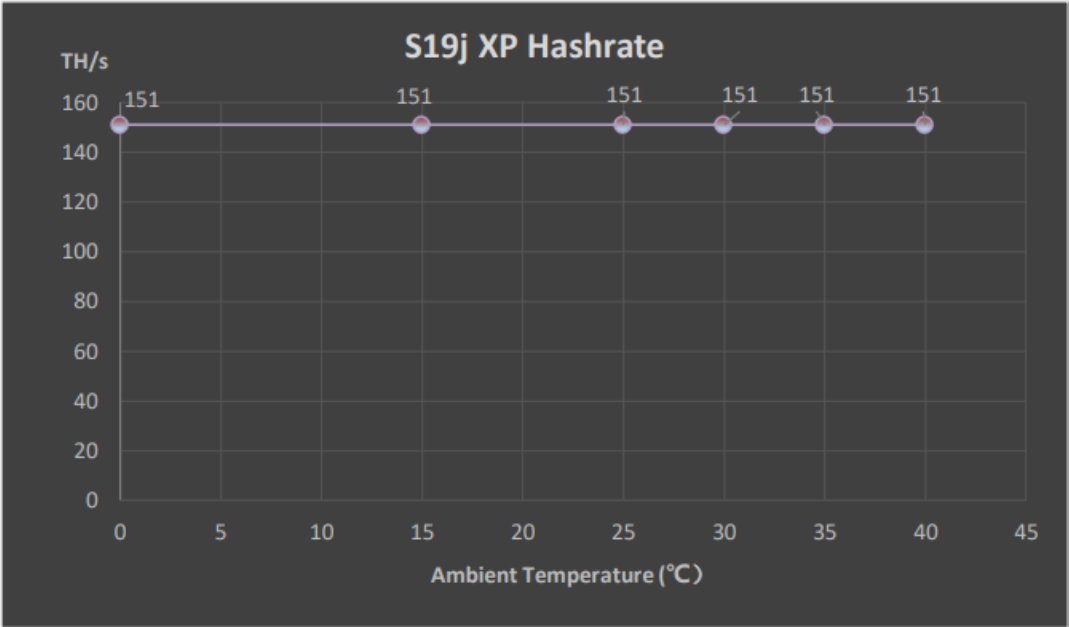
J/T vs. Ambient temperature

Documents / Resources

ANTMINER **S19j XP** Product Manual Nov 2022 BITMAIN	**BITMAIN S19j XP High Performance Miner** [pdf] Instruction Manual S19j XP K115-210, S19j XP High Performance Miner, S19j XP, High Performance Miner, Performance Miner, Miner

References

- 𝕜 **BITMAIN**
- **User Manual**

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