

**BITMAIN
AntMiner
S21 Bitcoin
Miner**



BITMAIN AntMiner S21 Bitcoin Miner Instruction Manual

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BITMAIN AntMiner S21 Bitcoin Miner



Product Information

Product Glance

Model	Sub-Version	Crypto algorithm/coins	Typical Hashrate, TH/s	Power on wall @25, Watt	Power efficiency on wall @25, J/TH
S21	200T	SHA256 BTC/ BCH/BSV	200	3500	17.5

Detailed Characteristics

Power supply

- Phase: 1
- Input voltage: 220-277 Volt
- Input frequency range: 50-60 Hz
- Maximum input current: 20 Amp

Hardware Configuration

- Network connection mode: RJ45 Ethernet 10/100M
- Server size (Length*Width*Height, w/o package): 400*195*290 mm
- Server size (Length*Width*Height, with package): 570*316*430 mm
- Net weight: 15.4 kg
- Gross weight: 17.2 kg

- Noise @30: 76 dBA

Environment Requirements

- Operation temperature: 0-45°C
- Storage temperature: -20-70°C
- Operation humidity (no condensation): 10%-90% RH
- Operation altitude: Up to 2000m (temperature decreases by 1°C for every increase of 300m)

Product Usage Instructions

Power Supply Connection:

- Connect the power supply according to the specified voltage and current requirements.

Network Connection:

- Connect the device to the network using an RJ45 Ethernet cable with a speed of 10/100M.

FAQ

Frequently Asked Questions

- **Q:** What is the typical hashrate of the S21 model?
 - **A:** The typical hashrate of the S21 model is 200 TH/s.

Specifications

Product Glance

Product Glance	Value
Model	S21
Sub	200T
Version	10
Crypto algorithm/coins	SHA256 BTC/BCH/BSV
Typical Hashrate, TH/s(1-1)	200
Power on wall @25°C(1-2), Watt(1-1)	3500
Power efficiency on wall @25°C(1-2), J/TH(1-1)	17.5

Detailed Characteristics

Detailed Characteristics	Value
Power supply	
Phase	1
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	15.4
Gross weight, kg	17.2
Noise(2-2) @30°C, dBA	76
Environment Requirements	
Operation temperature, °C	0~45
Storage temperature, °C	-20~70
Operation humidity(no condensation), RH	10%~90%
Operation altitude(2-3), m	≤2000

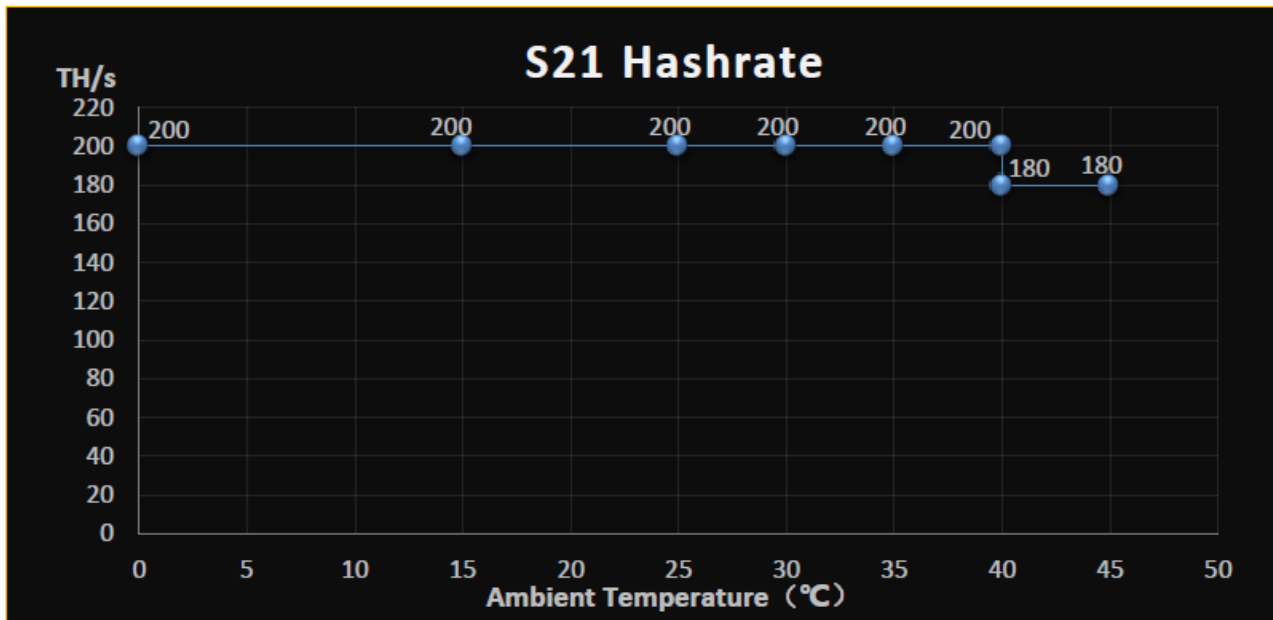
Notes:

- **(1-1)** The Hashrate value, Power on wall, and Power efficiency on wall are all typical values, The actual Hashrate value fluctuates by $\pm 3\%$, and the actual Power on wall and Power efficiency on wall fluctuate by $\pm 5\%$.
- **(1-2)** Inlet air temperature.
- **(2-1) Caution:** Wrong input voltage may probably cause server damaged.

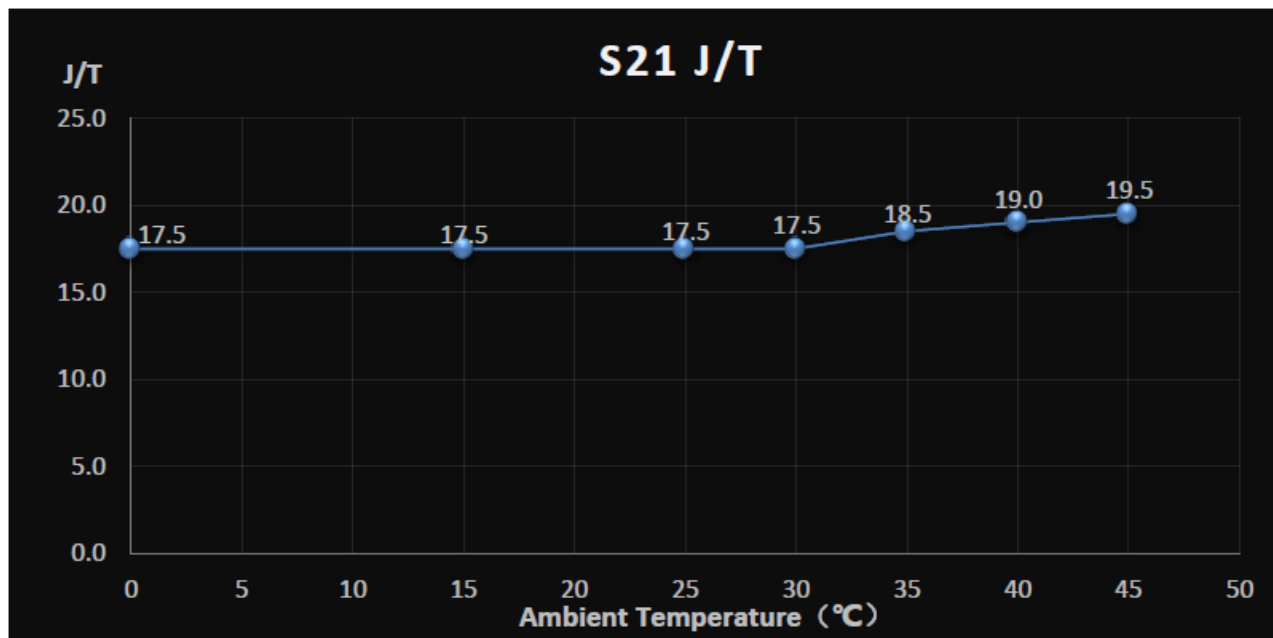
- (2-2) The noise is loudest when the fan is under maximum RPM(rotation per minute).
- (2-3) When the server is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1°C for every increase of 300m.

Performance Curves

Hashrate vs. Ambient Temperature



J/T vs. Ambient Temperature



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Documents / Resources

	BITMAIN AntMiner S21 Bitcoin Miner [pdf] Instruction Manual S21, AntMiner S21 Bitcoin Miner, AntMiner S21, Bitcoin Miner, Miner
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References

-  [BITMAIN](#)
- [User Manual](#)

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