


ANTMINER S21 Bitmain Miner



ANTMINER S21 Bitmain Miner Instruction Manual

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ANTMINER S21 Bitmain Miner



S21

Product Manual
Sep. 2023

Specification

Product Glance	Value
Model	S21
Version	L1-10
Crypto algorithm/coins	SHA256 BTC/BCH
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	Value
Power supply	
Power supply AC input voltage, Volt (2-1)	220~277V AC
Power supply AC Input Frequency Range, Hz	50~60
Power supply AC Input current, Amp (2-2)	20
Adapted AC output power requirement, W (2-3)	4000
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, dBA @25 (2-4)	76
Environment Requirements	
Operation temperature,	0~45
Storage temperature,	-20~70
Operation humidity, RH	10%~90%
Operation altitude, m (2-5)	≤2000

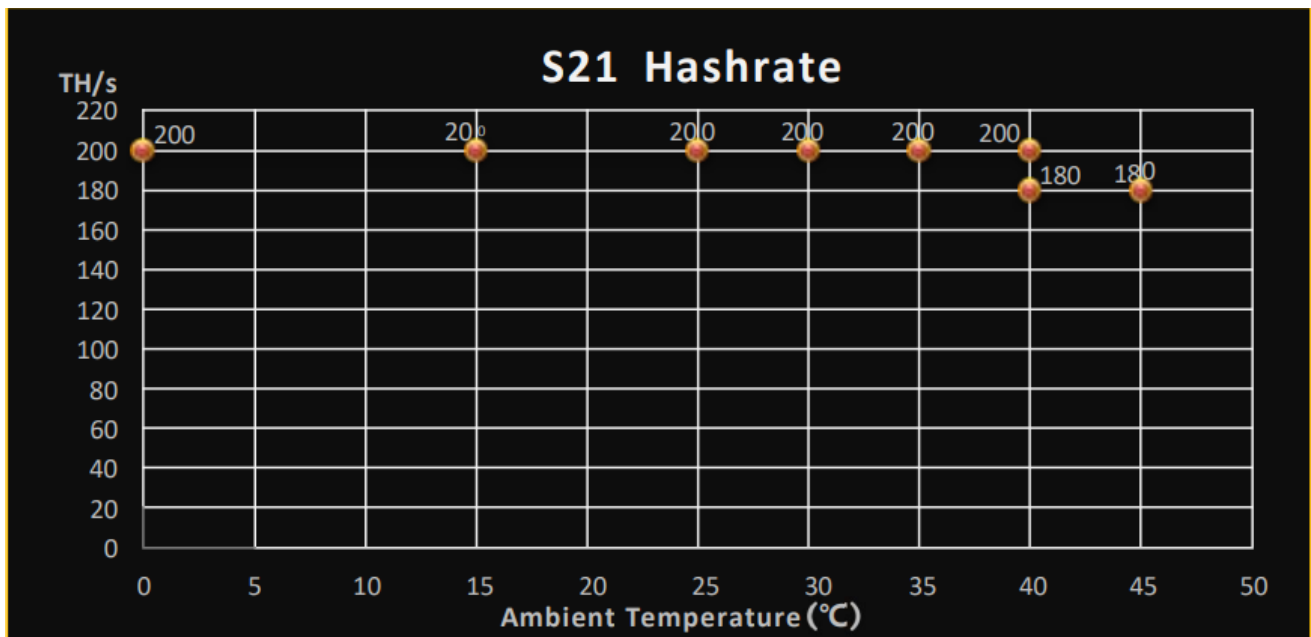
Notes

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 $\pm 5\%$.
2. Inlet air temperature.
 1. Caution: Wrong input voltage may probably cause server damaged.
 2. Two AC input wires, 10A per wire.
 3. Caution: It is strongly recommended that the power on wall of the minier does not exceed this value.
 4. Max condition: Fan is under max RPM(rotation per minute).
 5. 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.

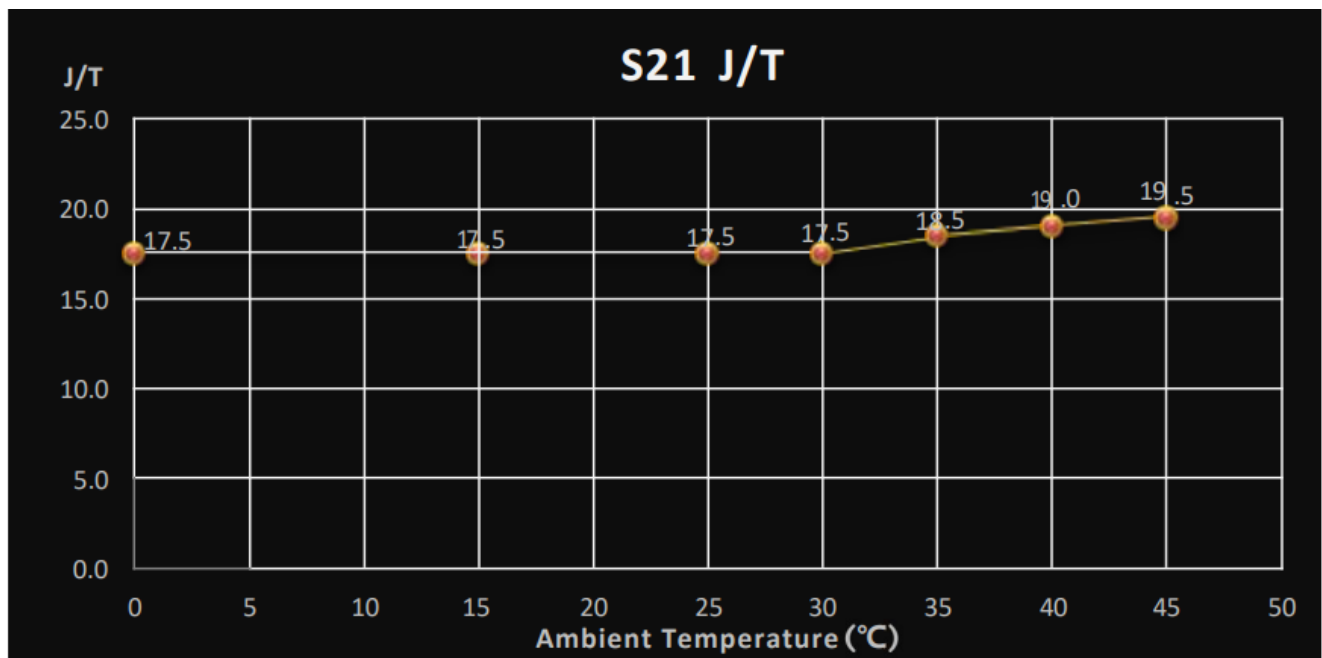
Performance Curves

1. Hashrate vs. Ambient Temperature


2.



J/Tvs. Ambient Temperature



Documents / Resources

 S21 Product Manual <small>Rev. 2017</small> BITMAIN	ANTMINER S21 Bitmain Miner [pdf] Instruction Manual S21 Bitmain Miner, S21, Bitmain Miner, Miner
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References

- [User Manual](#)

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