



BITMAIN AntMiner S21 Pro 3500W ASIC Bitcoin Miner Instructions

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Specification

Product Glance	Value
Model	S21 Pro
Version	10
Crypto algorithm/coins	SHA256 BTC/BCH
Typical Hashrate, TH/s (1-1)	234
Power on wall @25°C(1-2), Watt (1-1)	3510
Power efficiency on wall@25°C(1-2), J/TH (1-1)	15
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	450*219*293
Server size (Length*Width*Height, with package), mm	680*390*450
Net weight, kg	20
Gross weight, kg	22

Noise, dBA @25°C (2-4)	76
Environment Requirements	
Operation temperature, °C	-20~45
Storage temperature, °C	-20~70
Operation humidity, RH	10%~90%
Operation altitude, m(2-5)	≤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.

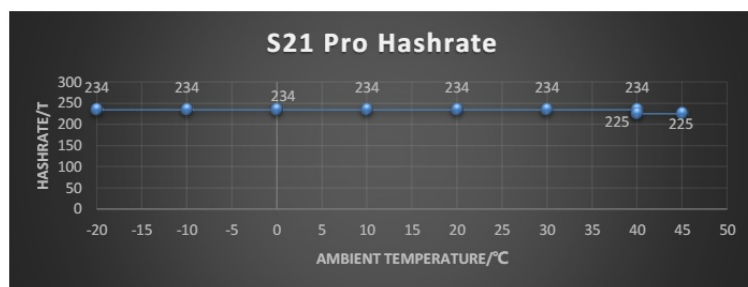
(2-1) Caution: Wrong input voltage may probably cause server damaged. (2-2) Single-phase AC input 20A.

(2-3) Max condition: Fan is under max RPM(rotation per minute).

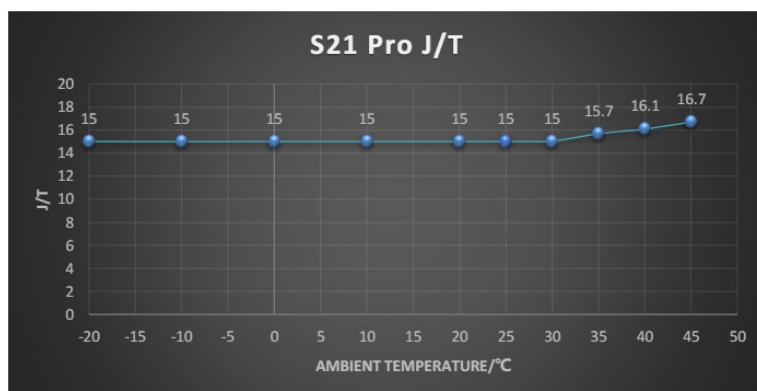
(2-4) When the server is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1°C for every increase of 300m.

Performance Curves

Hashrate vs. Ambient Temperature



J/T Ambient Temperature



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References

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

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