



S21

Product Manual

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BITMAIN

BITMAIN TECHNOLOGIES INC.

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1.Specification

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℃ ⁽¹⁻²⁾ , Watt ⁽¹⁻¹⁾	3500
Power efficiency on wall @25℃ ⁽¹⁻²⁾ , J/TH ⁽¹⁻¹⁾	17.5

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℃, dba	76
Environment Requirements	
Operation temperature, ℃	0~45
Storage temperature, ℃	-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.

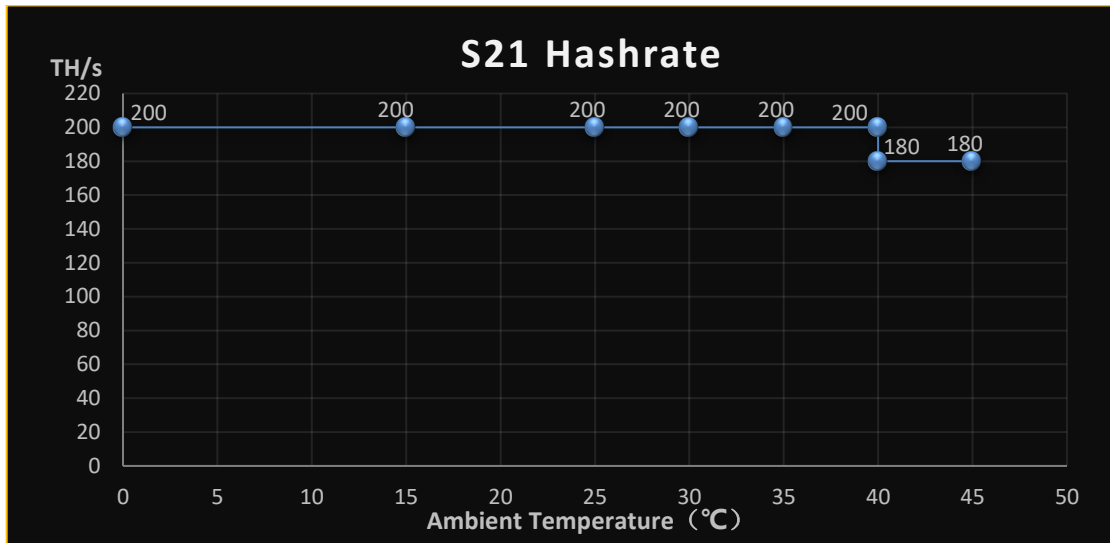
(2-1) Caution: Wrong input voltage may probably cause server damaged.

(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℃ for every increase of 300m.

2. Performance Curves

(1) Hashrate vs. Ambient Temperature



(2) J/T vs. Ambient Temperature

