ANTMINER

S21 XP

Product Manual

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BITMAIN

BITMAIN TECHNOLOGIES INC.

1.Specification

Product Glance	Value
Model	**S21 XP**
Sub	**270T**
Version	**10**
Crypto algorithm/coins	**SHA256 | BTC/BCH/BSV**
Typical Hashrate, **TH/s**(1-1)	**270**
Power on wall @25℃(1-2), **Watt**(1-1)	**3645**
Power efficiency on wall@25℃(1-2), **J/TH**(1-1)	**13.5**

Detailed Characteristics	Value
Power supply	
Phase	**1**
Power supply AC input voltage(2-1), **Volt**	**220~277**
Power supply AC Input Frequency Range, **Hz**	**50~60**
Power supply AC Input current(2-2), **Amp**	**20**
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**	**630*350*430**
Net weight, **kg**	**18.7**
Gross weight, **kg**	**21.5**
Nosie(2-3)@30℃,**dBA**	**76**
Max airflow(2-4)， **CFM**	**550**
Environment Requirements	
Operation temperature,**℃**	**-20~45**
Storage temperature, **℃**	**-20~70**
Operation humidity(no condensation), **RH**	**10%~90%**
Operation altitude(2-5), **m**	**≤2000**

NOTE:

(1-1) 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%.

(1-2) Inlet air temperature.

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

(2-2) Single-phase AC input 20A.

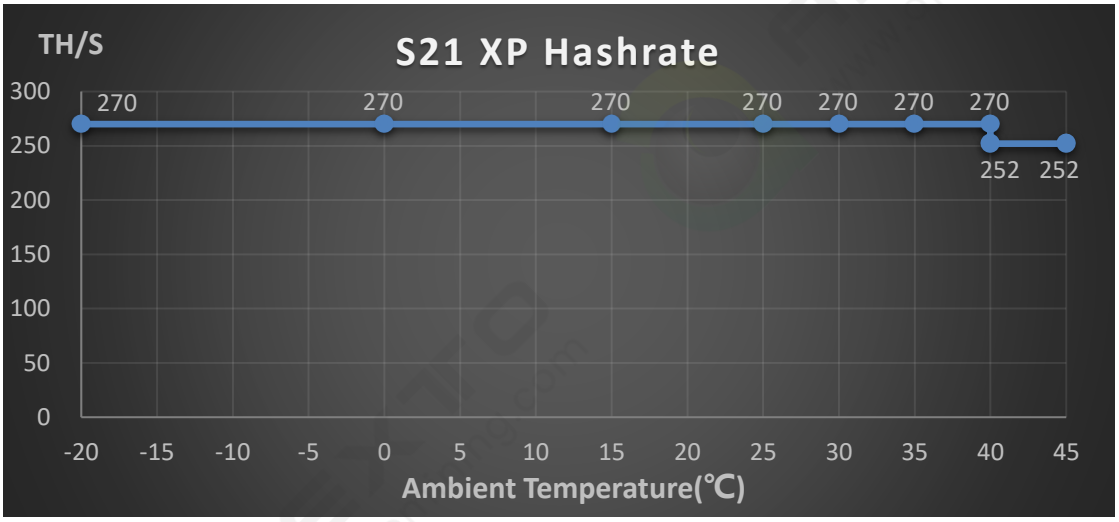
(2-3) Max condition: Fan is under max RPM(rotation per minute).

(2-4) When the server is dusty or the environment is poorly ventilated, the server airflow will reduce. This may lead to server overheating and potential damage.

(2-5) 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