ANTMINER

S19j XP

Product Manual

Nov. 2023

BITMAIN

1. Specification

Product Glance	Value
Model	S19j XP
Version	K1-20 / 151
Crypto algorithm/coins	SHA256 | BTC/BCH
Typical hashrate, **TH/s**[1-1]	151
Power on wall @25℃[1-2], **Watt**[1-1]	3247
Power efficiency on wall@25℃[1-2], **J/TH**[1-1]	21.5

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**	20
Adapted AC output power requirement, **W**[2-2]	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**	14.9
Gross weight, k**g**	16.6
Noise, **dBA** @25℃ [2-3]	76
Environment Requirements	
Operation temperature, ℃	0~40
Storage temperature, ℃	-20~570
Operation humidity, **RH**	10%~90%
Operation altitude，**m**[2-4]	≤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 ±3%, and the actual Power on wall and Power efficiency on wall fluctuate by ±5%.

(1-2) Inlet air temperature.

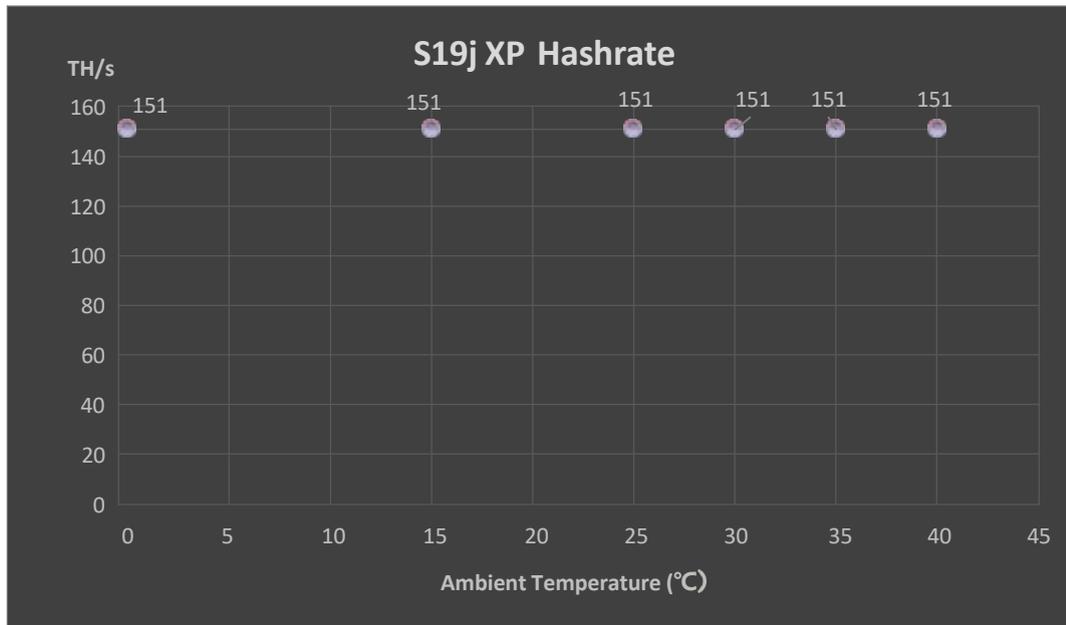(2-1) Caution: Wrong input voltage may probably cause server damaged.

(2-2) Caution: It is strongly recommended that the power on wall of the minier does not exceed this value.

(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℃ for every increase of 300m.

2.Perfermance Curve

(1) Hashrate vs. Ambient temperature

S19j XP Hashrate

TH/s — Ambient Temperature (℃)

(2) J/Tvs. Ambient temperature

S19j XP J/T

J/T — Ambient Temperature (℃)