



# S21+

## Product Manual

Jul. 2024

**BITMAIN**

BITMAIN TECHNOLOGIES INC.

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# 1.Specification

Product Glance	Value		
Model	S21+		
Version	(235T-10)	(225T-10)	(216T-10)
Crypto algorithm/coins	SHA256   BTC/BCH/BSV		
Typical Hashrate, TH/s <sup>(1-1)</sup>	235	225	216
Power on wall @25°C <sup>(1-2)</sup> , Watt <sup>(1-1)</sup>	3878	3713	3564
Power efficiency on wall@25°C <sup>(1-2)</sup> , J/TH <sup>(1-1)</sup>	16.5		

Detailed Characteristics	Value
<b>Power supply</b>	
Phase	1
Input voltage range <sup>(2-1)</sup> , Volt	220~277
Input frequency range, Hz	50~60
Maximum input current, Amp	20
<b>Hardware Configuration</b>	
Network connection mode	RJ45 Ethernet 10/100M
Server size (Length*Width*Height, w/o package), mm	449*219*293
Server size (Length*Width*Height, with package), mm	640*360*450
Net weight, kg	21.5
Gross weight, kg	24.5
Noise <sup>(2-2)</sup> @30°C, dBA	76
<b>Environment Requirements</b>	
Operation temperature, °C	-20~45
Storage temperature, °C	-20~70
Operation humidity(no condensation), RH	10%~90%
Operation altitude <sup>(2-3)</sup> , m	≤2000

## Notes:

(1-1) The Hashrate value, Power on wall, and Power efficiency on wall are all typical value. 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.

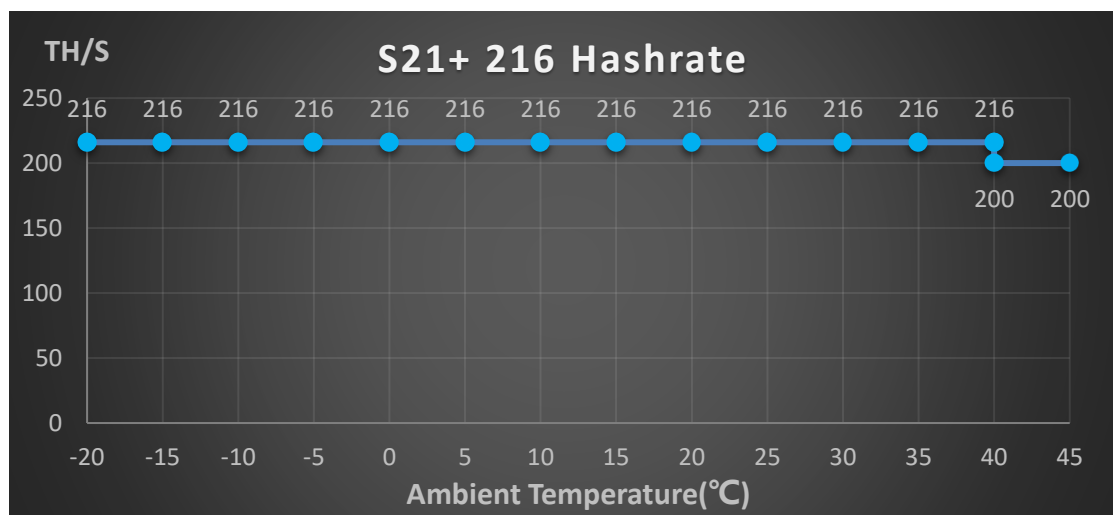
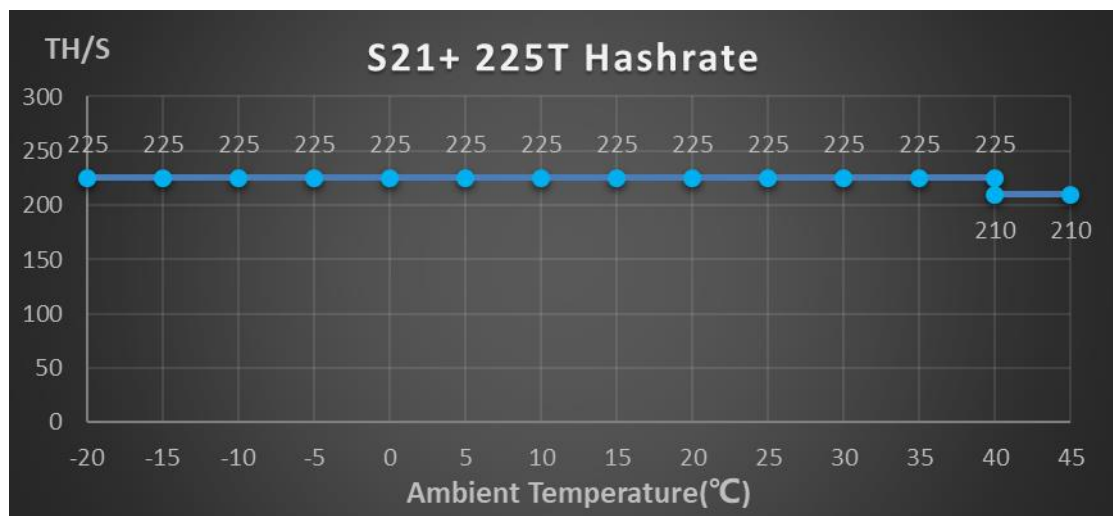
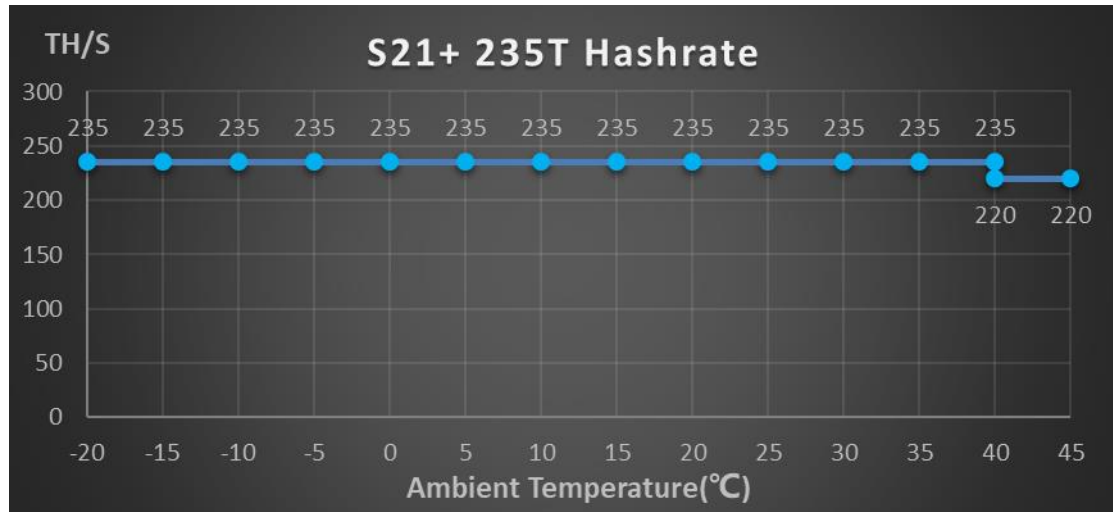
(2-1) Caution: Wrong input voltage may probably cause server damaged.

(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°C for every increase of 300m.

## 2. Performance Curves

(1) Hashrate vs. Ambient Temperature



(2) J/T vs. Ambient Temperature

