



AL1

Product Datasheet

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BITMAIN

BITMAIN TECHNOLOGIES INC.

1. Datasheet

Product Glance	Value	
Model	AL1	
Version	10	
Crypto algorithm coins	Blake3 ALPH	
Sub	Std	Pro
Typical Hashrate, TH/s ⁽¹⁻¹⁾	15.6	16.6
Power on wall @25°C, W ⁽¹⁻¹⁾	3,510	3,730
Power efficiency on wall @25°C, J/TH ⁽¹⁻¹⁾	225	

Detailed Characteristics	Value	
Power supply		
Input voltage range, V ⁽²⁻¹⁾	220~277	
Input frequency range, Hz	50~60	
Input max current, A	20	
Hardware configuration		
Network connection mode	RJ45 Ethernet 10/100M	
Server size (Length*Width*Height, w/o package), mm	430*195*290	
Server size (Length*Width*Height, with package), mm	570*316*430	
Net weight, kg	16.5	
Gross weight, kg	18.2	
Noise @25°C, dBA ⁽²⁻²⁾	75	
Environment requirements		
Operation temperature, °C	-20~40	
Storage temperature, °C	-40~70	
Operation humidity(non-condensing), RH	10%~90%	
Operation altitude, m ⁽²⁻³⁾	≤2,000	

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 Power efficiency on wall fluctuate by $\pm 5\%$.

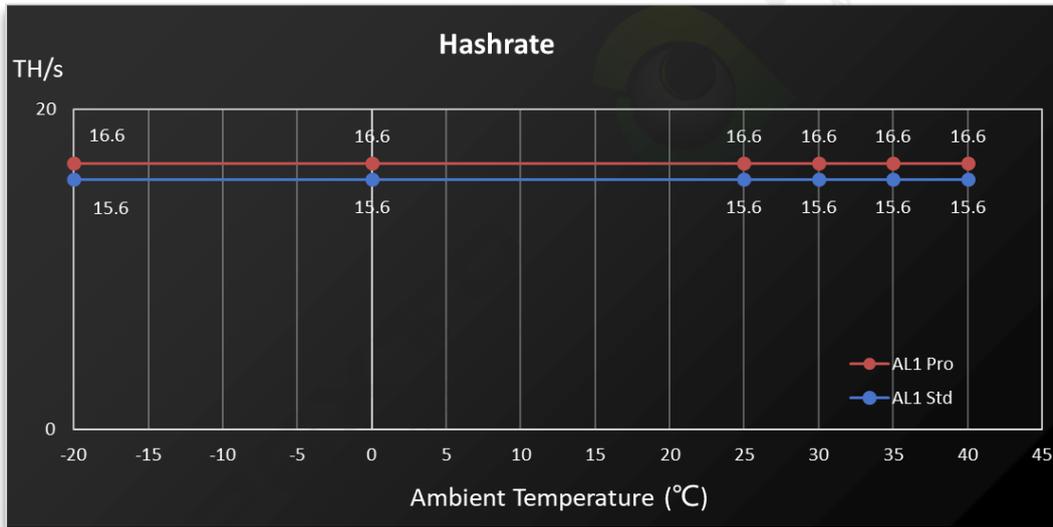
(2-1) Caution: Wrong input voltage may cause server damaged.

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

(2-3) When the server is used at an altitude from 900m to 2,000m, the highest operating temperature decreases by 1°C for every increase of 300m.

2. Performance Curves

(1) Hashrate Vs. Ambient Temperature



(2) Power efficiency Vs. Ambient Temperature

