ANTMINER

AL1

Product Datasheet

Jul. 2024

BITMAIN

BITMAIN TECHNOLOGIES INC.
www.bitmain.com

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℃, **W**(1-1)	**3,510**	**3,730**
Power efficiency on wall @25℃, **J/TH**(1-1)	**225**	

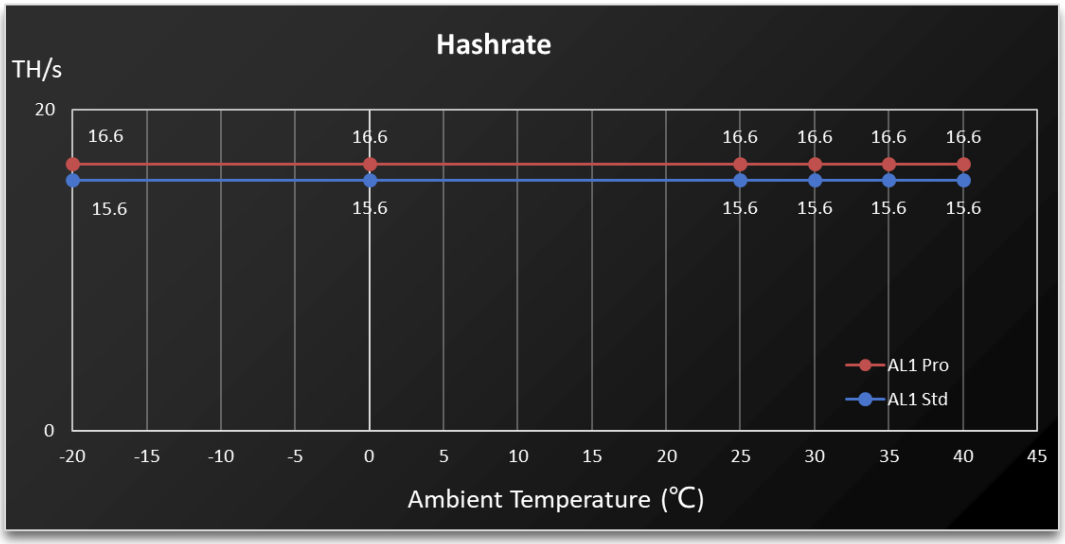
Detailed Characteristics	Value
Power supply	
Input voltage range, **V**(2-1)	**220~277**
Input frequency range, **Hz**	**50~60**
Input max current, **A**	**20**
Hardware configuration	
Network connection mode	**RJ45 Ethernet 10/100M**
Server size (Length*Width*Height, w/o package), **mm**	**430*195*290**
Server size (Length*Width*Height, with package), **mm**	**570*316*430**
Net weight, **kg**	**16.5**
Gross weight, **kg**	**18.2**
Noise @25℃, **dBA** (2-2)	**75**
Environment requirements	
Operation temperature, **℃**	**-20~40**
Storage temperature, **℃**	**-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 ±3%, and the Power efficiency on wall fluctuate by ±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