ANT**MINER**

KS7

Product Datasheet

Apr. 2025

BITMAIN

BITMAIN TECHNOLOGIES INC.

1. Specification

Product Glance	Value
Model	**KS7**
Version	**10**
Crypto algorithm | coins	**kHeavyHash | KAS**
Sub	**40T**
Typical Hashrate, **TH/s**[1-1]	**40**
Power on wall @25℃, **Watt**[1-1]	**3080**
Power efficiency on wall@25℃, **J/T**[1-1]	**77**

Detailed Characteristics	Value
Single-Phase AC Power supply	
Input voltage, **Volt**[2-1]	**220~277V**
Input Frequency Range, **Hz**	**50~60**
Input max current, **Amp**	**20**
Hardware Configuration	
Network connection mode	**RJ45 Ethernet 10/100M**
Server size (Length*Width*Height, w/o package), **mm**	**430*195.5*290**
Server size (Length*Width*Height, with package), **mm**	**570*316*430**
Net weight, **kg**	**16.4**
Gross weight, k**g**	**18**
Noise@25℃, **dBA** @25℃ [2-2]	**75**
Environment Requirements	
Operation temperature, **℃**	**-20~45**
Storage temperature, **℃**	**-40~70**
Operation humidity(non-condensing), **RH**	**10~90%**
Operation altitude, **m**[2-3]	**≤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%.
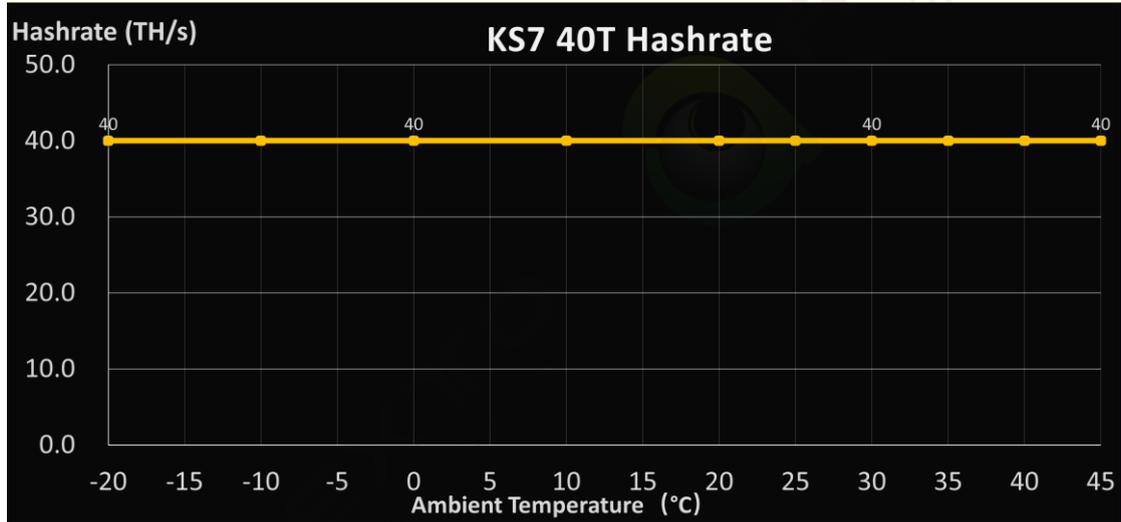
(2-1) Caution: Wrong input voltage may cause server damaged.

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

(2-3) When the miner 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)   Power Efficiency vs. Ambient Temperature