ANTMINER

# KS3

## Product Manual

**Nov. 2023**

BITMAIN

BITAMIN TECHNOLOGIES INC.
www.bitmain.com

# 1. Specification

| Product Glance | Value |
|---|---|
| Model | **KS3** |
| Version | **KS1-10** |
| Crypto algorithm \| coins | **KHeavyHash \| KAS** |
| Typical Hashrate, **TH/s**(1-1) | **9.4** |
| Power on wall @25℃, **Watt**(1-1) | **3500** |
| Power efficiency on wall@25℃, **J/TH**(1-1) | **372** |

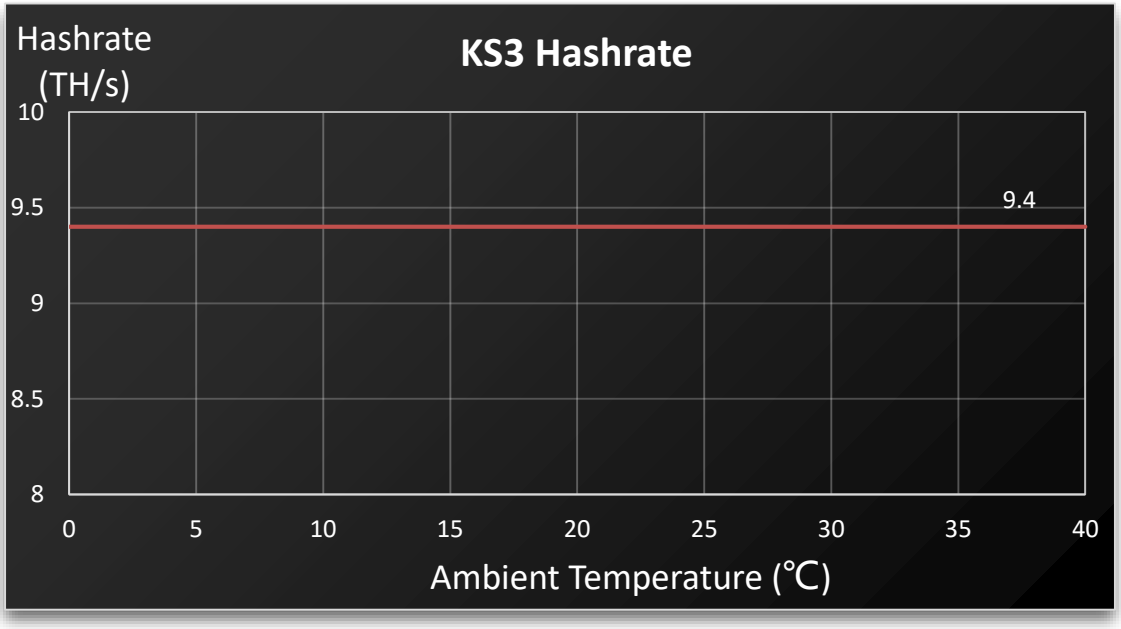
| Detailed Characteristics | Value |
|---|---|
| **Power supply** | |
| Power supply AC Input voltage range, **V**(2-1) | **200-240V AC** |
| Power supply AC Input Frequency Range, **Hz** | **50-60** |
| Power supply AC Input current, **A**(2-2) | **20** |
| Adapted AC Output power requirement, **W**(2-3) | **3600** |
| **Hardware configuration** | |
| Quantity of hash chips | **276** |
| Quantity of hash boards | **3** |
| 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** | **15.2** |
| Gross weight, k**g** | **16.9** |
| Noise, **dBA** @25℃ (2-4) | **70** |
| **Environment requirements** | |
| Operation temperature, **℃** | **0~40** |
| Storage temperature, **℃** | **-20~70** |
| Operation humidity(non-condensing), **RH** | **10~90%** |
| Operation altitude, **m**(2-5) | **≤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) Two AC input, 10 A per wire.
(2-3) Caution: It is strongly recommended that the power on wall of the miner does not exceed this value.
(2-4) Max condition: Fan is under max RPM(rotation per minute).
(2-5) 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) J/T Vs.  Ambient Temperature