ANTMINER

X5

Product Manual

Sep. 2023

BITMAIN

1. Specification

Product Glance	Value
Model	X5
Version	**240-X**
Crypto algorithm | Coins	**RandomX | XMR**
Typical Hashrate, **KH/s**(1-1)	**212**
Power on wall @25℃, **Watt**(1-1)	**1350**
Power efficiency on wall@25℃, **J/Ksol** (1-1)	**6.37**

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)	**4000**
Hardware configuration	
Quantity of hash chips	**18**
Quantity of hash boards	**3**
Network connection mode	**RJ45 Ethernet 10/100M**
Server size (Length*Width*Height, w/o package), **mm**	**480*195*290**
Server size (Length*Width*Height, with package), **mm**	**597*317*427**
Net weight, **kg**	**14.88**
Gross weight, k**g**	**16.92**
Noise, **dBA** @25℃ (2-4)	**75**
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%.

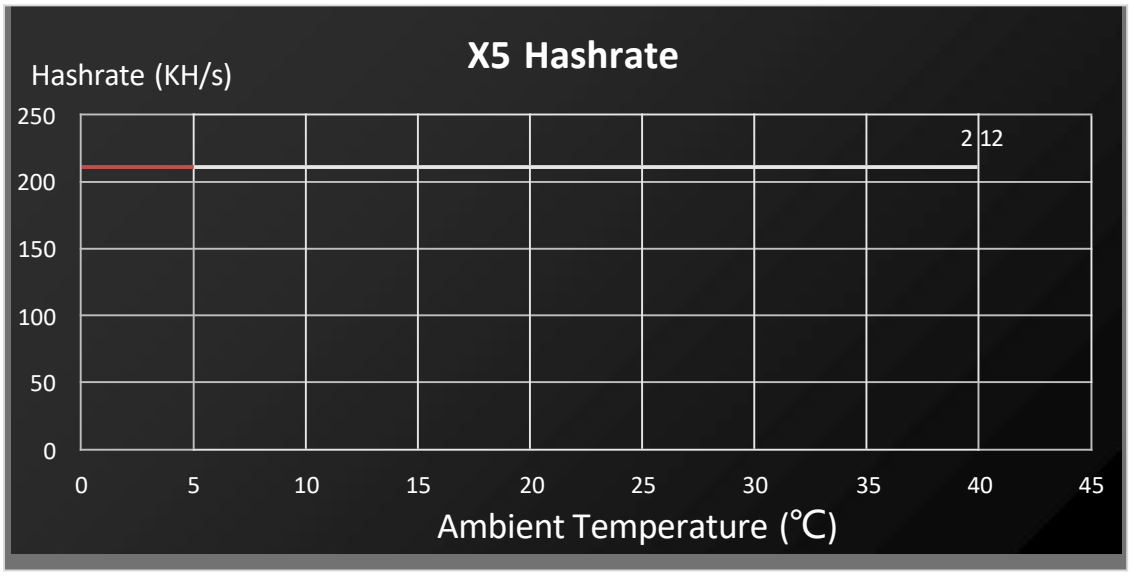
(2-1) Caution: Wrong input voltage may cause server damaged.
(2-2) Two AC input, 10 A per wire.

(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/KH Vs. Ambient Temperature