



X5

Product Manual

Sep. 2023

BITMAIN

BITAMIN TECHNOLOGIES INC.

www.bitmain.com

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°C, Watt ⁽¹⁻¹⁾	1350
Power efficiency on wall@25°C, 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, kg	16.92
Noise, dBA @25°C ⁽²⁻⁴⁾	75
Environment requirements	
Operation temperature, °C	0~40
Storage temperature, °C	-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 $\pm 3\%$, and the actual Power on wall and Power efficiency on wall fluctuate by $\pm 5\%$.

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

(2-2) Two AC input, 10 A per wire.

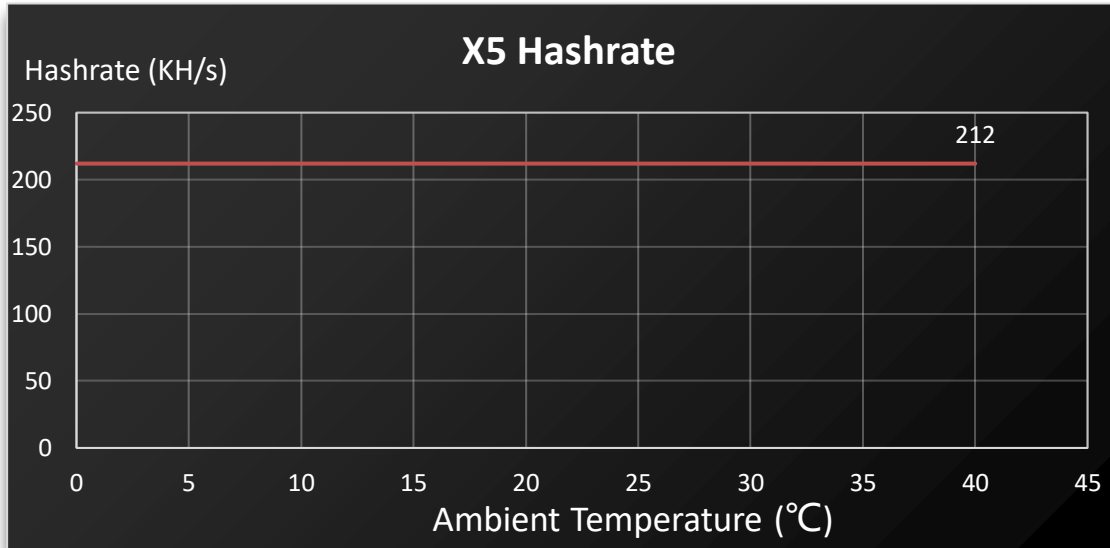
(2-3) Caution: It is strongly recommended that the power on wall of the miner does not exceed this value.

(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°C for every increase of 300m.

2. Performance Curves

(1) Hashrate Vs. Ambient Temperature



(2) J/KH Vs. Ambient Temperature

