ANTMINER

T21

Product Manual

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BITMAIN

BITMAIN TECHNOLOGIES INC.
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1. Specification

Product Glance	Value	
Model	**T21**	
Version	**10**	
Crypto algorithm/coins	**SHA256 | BTC/BCH/BSV**	
Working mode(1-1)	**NEM**	**HEM**
Typical hashrate, **TH/s**(1-2)	**190**	**233**
Power on wall @30℃(1-3), **Watt**(1-2)	**3610**	**5126**
Power efficiency on wall @30℃, **J/TH**(1-2)	**19.0**	**22.0**

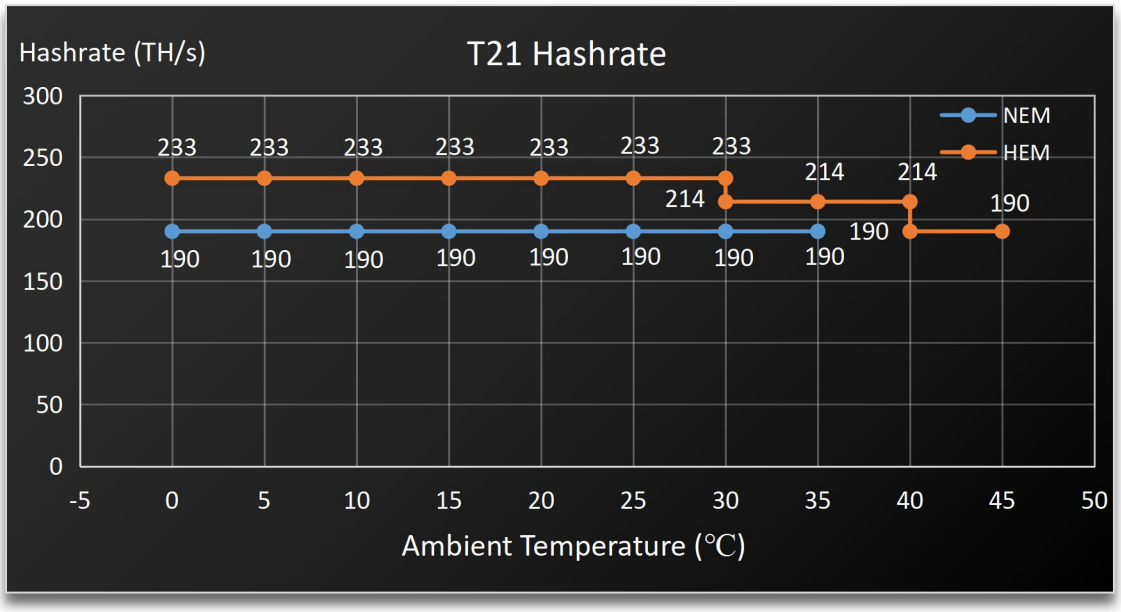
Detailed Characteristics	Value
Power supply	
Phase	**3**
Input voltage(2-1), **Volt**	**380~415**
Input frequency range, **Hz**	**50~60**
Maximum input current, **Amp**	**12**
Hardware configuration	
Network connection mode	**RJ45 Ethernet 10/100M**
Server size (Length*Width*Height, w/o package), **mm**	**400*212*290**
Server size (Length*Width*Height, with package), **mm**	**570*316*430**
Net weight, **kg**	**17.0**
Gross weight, **kg**	**19.1**
Noise(2-2) @30℃, **dBA**	**76**
Environment requirements	
Operation temperature, **℃**	**0~45**
Storage temperature, **℃**	**-20~70**
Operation humidity(no condensation), **RH**	**10%~90%**
Operation altitude(2-3), **m**	**≤2000**

Notes:

(1-1) NEM: Normal Energy Mode; HEM: High Energy Mode.
(1-2) 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%.
(1-3) Inlet air temperature.
(2-1) Caution: Wrong input voltage may probably cause server damaged.
(2-2) The noise is loudest when the fan is under maximum RPM(rotation per minute).
(2-3) When the server is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1℃ for every increase of 300m.

2. Performance Curve

(1) Hashrate vs. Ambient Temperature



(2) J/T vs. Ambient Temperature