Bitmain Antminer S21 Pro (234 TH/s, air-cooled)



Dimensions	8.62″ W × 11.54″ H × 17.72″ D
Weight	44.1 lb
Electrical	volts: 220-277 V AC, 50-60 Hz, single phase · amps: 20 · watts: 3510 · plug: Bitmain P14 inlet; ships with a C20-P13 cord, so it plugs into a C19 PDU outlet
Hash rate	234 TH/s
Algorithm	SHA-256
Airflow / capacity	Heat out about 11,976 BTU/h (3,510 W x 3.412). Airflow not listed on the spec page.
Noise	76 dB
Where it goes in UNIT5.xyz	Shelf/rack at the back wall, intake facing the interior or a filtered intake louver, exhaust ducted or pointed straight out a wall exhaust/shutter fan; keep it below the door coil zone (nothing over ~70 in at the front). Needs the high-airflow exhaust package.
Warranty	365 days from shipping when bought direct from Bitmain

The manufacturer's product page follows on the next page (printed from their site).

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S21 Pro Specification

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S21 Pro Specifications, computing power consumption, power supply ,usage environment and other related information of S21 Pro are shown in the tables below：

Product Glance	**Value**
Model	S21 Pro
Version	10
Algorithm | Cryptocurrency	SHA256 | BTC/BCH
Typical Hashrate, TH/s(1-1)	234
Power on wall @25°C(1-2), Watt(1-1)	3510
Power efficiency on wall @25°C(1-2), J/TH(1-1)	15

Detailed Characteristics	Value
Power Supply	
Power supply AC Input voltage, Volt(2-1)	220~277V AC
Power supply AC Input Frequency Range, Hz	50~60
Power supply AC Input current, Amp(2-2)	20
Adapted AC output power requirement, W(2-3)	4000
Hardware Configuration	
Networking connection mode	RJ45 Ethernet 10/100M
Miner Size (Length*Width*Height, w/o package),mm	450*219*293
Miner Size (Length*Width*Height, with package),mm	680*390*450
Net weight, kg	20
Gross weight, kg	22
Noise, dBA@25°C	76
Environment Requirements	
Operation temperature, °C	-20~45
Storage temperature, °C	-20~70
Operation humidity(non-condensing), RH	10~90%
Operation altitude, m (2-4)	≤2000

NOTE:

(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%.

(1-2) Inlet air temperature.

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

(2-2) Single-phase AC input 20A.

(2-3) Max condition: Fan is under max RPM(rotation per minute).

(2-4) When the server is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1℃ for every increase of 300m.

If you have any questions, please feel free to contact BITMAIN Customer Support.

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