Canaan Avalon Q (90 TH/s)



Electrical	amps: about 13.3-14 A at 120 V in Super mode (calculated) · watts: 1674 · breaker: Super mode needs a 20 A 120 V circuit (14 A x 125% = 17.5 A); Eco mode (800 W) fits a 15 A circuit
Hash rate	90 TH/s
Algorithm	SHA-256
Airflow / capacity	Heat out about 5,712 BTU/h (1,674 W x 3.412).
Noise	45 (minimum) dB
Where it goes in UNIT5.xyz	Indoors or inside the shed on a shelf; quiet enough for a room. Keep intake and exhaust clear.
Warranty	360-day limited warranty from first registration (Canaan)

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



This is Avalon Q

Cue for Your Entry of Home Mining

The Avalon Q is a professional home mining machine

Whether you're an Bitcoin mining amateur, a professional player with limited conditions, or simply an individual looking to increase passive income, the Avalon Q is your best choice to move closer to your goals. With a power adaptation of 800 - 1600w, equipped with 160 4-nanometer process computing chips, it can deliver a maximum computing power of 90 TH/s, continuously generating Bitcoin for you.





Smart Design

Extremely quiet. With a minimum noise level of 45 dB, you'll hardly notice its presence.

Very low-key. The overall size is similar to a computer case, making it inconspicuous wherever you place it.

Highly functional. Supports both LAN and WI-FI connections, and can be easily controlled with the Avalon Family App.



Superb Compatibility

Super Mode (1600w), Standard Mode (1300w), Eco Mode (800w). Compatible with all home circuits.



Quality Assassurance

There is a 360-day [1] limited warranty starting from the first registration of the device.



Quick Problem Diagnosis

Use the Avalon Family App to conveniently conduct detailed inspections on your Avalon Q. You can locate solutions to any problems. Our service staff will be on standby for you at any time.

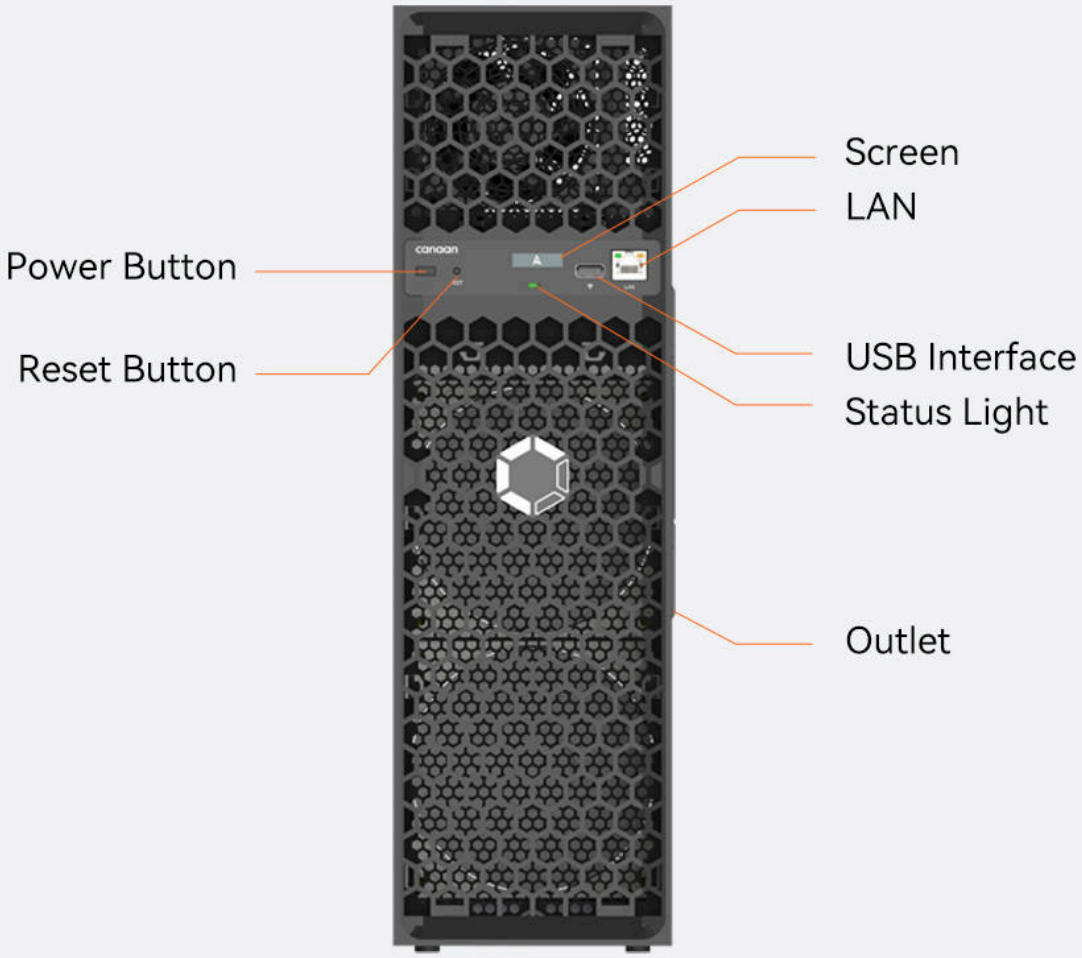


Security First

We focus on the information security of the device. Through more rigorous encryption algorithms and

handshake mechanisms, we try our best to reduce the success rate of Trojan programs in the local area network environment attacking the device , thus ensuring that your device only works for you.

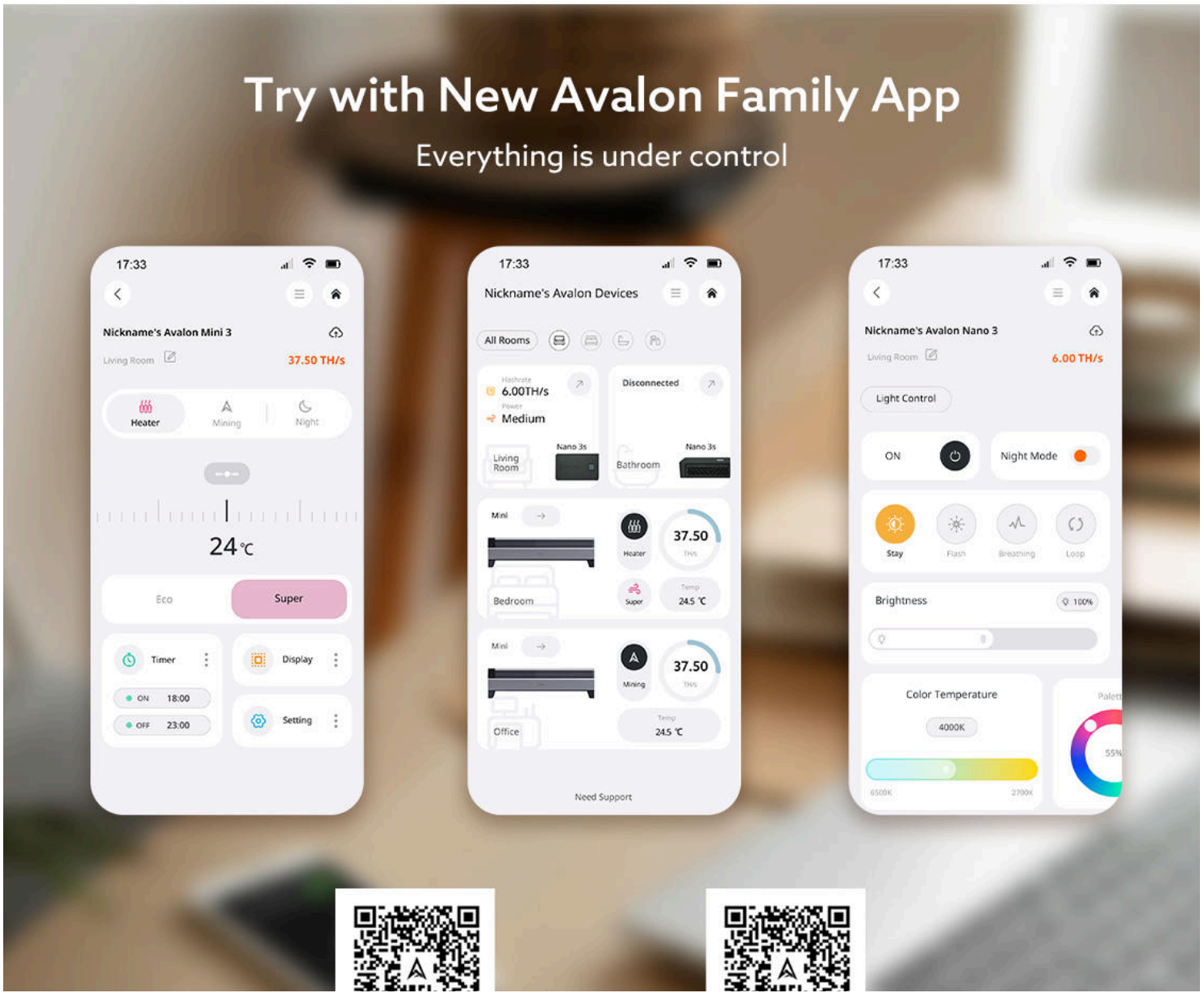
Functions



Start Mining? So Easy!



Simply set it up with the Avalon Family App, and your Avalon Q can connect to the preset F2Pool mining pool via the Internet.
Each Avalon Q comes with an F2pool service card in the package. Scan the QR code to complete the setup.





Transforming Tomorrow - Smarter Efficiency. Better Lives

Canaan Inc. is committed to protecting the planet and devoted to green mining.
Canaan Inc. packages miners with recycled and renewable materials.



Why We Launched Avalon Home series?

Home is where people start. Home is also where all programs originate.

With our initial courage, we have been building and protecting the decentralized

With our initial courage, we have been building and protecting the decentralized network of Bitcoin in our own way all along. "The core value of Bitcoin is people's longing for freedom." Our simplest expectation is to let more people participate at a lower cost continuously, which is also one of the best ways to protect it.

Therefore, we started to research and develop the Avalon Home series that is more closely related to households. We hope that while meeting the actual household life needs of more individual users, more people can experience the blockchain network and get corresponding rewards.

Quiet, but it works.



Avalon Q

Cue for Your Entry of Home Mining

From $1888

Buy

90 TH/s

160 chips, 4-nanometer process

18.6 J/TH

Terrific performance on power efficiency

USB & RJ45

Both LAN and the included WI-FI module adapted



1674 w
110-240V AC 50/60Hz



-5 ~ 35 ℃



45-65dB



L455mm x W130.5mm x H440mm (Net)
L575mm x W265mm x H580mm (Package)



10.5 kg (Net)
12 kg （Gross）

1 The 360-day limited warranty only covers non-human-factor-caused failures and damages of the product itself. During this period, consumers can enjoy free consultation services, remote assistance, repair services or replacement services. The specific service type will be determined by the official after-sales service. Human-factor failures and damages are excluded.

2 In a local area network environment, users should pay attention to the security of the network environment and try to avoid the existence of viruses. No networked device can be 100% guaranteed to be immune from virus configuration modifications or hacker intrusions. In addition, users should properly keep their encrypted files and device passwords. Passwords should not be set to be very short, easy to guess, or saved in obvious or unsecured paths.

* All provided data and parameters are based on laboratory results in a controlled environment. We do not guarantee that delivered product(s) will produce the same operating data and parameters when deployed in the field.

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Shop and Customer Care



Marketing



Aftersales Support



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