THE WORLD’S MOST ECO-FRIENDLY MULTI-TOKEN HARDWARE MINER

SpiderMiner.

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INTRODUCING THE AMAZING SPIDERMINER ULTRA
BUY ONE MINER & MINE MULTIPLE TOKENS

Unlike traditional hardware mining, where you buy a specific Miner and mine only one token, on the SpiderMiner Ultra you buy a mining device and get to mine a variety of good project tokens, this means your ROI is automatically diversified. We thoroughly vet all the projects before they're added to the Miner Batch to maintain your guaranteed high ROI (in tokens) as well as mining integrity.

SpiderMiner Ultra

Low Power, High ROI

Multi-Token Mining

The SpiderMiner Ultra is the world's first Multi-Token Eco friendly Hardware Crypto Miner that includes world-class VPN protection built right into the high Spec hardware.

The Ultra's low power, low mining costs and guaranteed High Return on Investment (in tokens mined) gives you a highly attractive winning formula & an excellent investment.

When you buy a SpiderMiner Ultra you start a profitable partnership with a variety of quality crypto projects, fully vetted and established.

Due to its low power consumption, multi token mining and a guaranteed high ROI (in tokens mined) the SpiderMiner Ultra offers miners a much higher chance of profitability over all other miner competitors.

SPIDER CRYPTO MINERS

THE WORLD'S MOST ECO-FRIENDLY CRYPTO MINERS. YOUR SPIDERMINER HAS NET-ZERO CARBON EMISSIONS!

Unlike traditional power hungry crypto mining, SpiderMiner Ultra crypto miners have ultra low power requirements. A typical SpiderMiner Ultra requires only 3.5w of electricity to operate, which is equivalent to a tiny 30 kW/hrs of electricity over an ENTIRE year. That is already an incredibly low power usage, but we have gone even further.

Buy a Miner - Plant a Tree

For every miner sold, we will donate $5 to the Tree-Nation project. This project has already planted over 12 MILLION trees and offset over 1.5 BILLION Tonnes of CO2.

Low Power, Low Emissions

SpiderMiners have very low power requirements, even when operated 24/7/365, their power consumption is equivalent to a typical LED bulb.

Mine Crypto, Earn tokens & Protect the Environment

Unlike traditional Crypto Mining, you can earn crypto and still be guilt free. Not only do we offset your mining carbon emissions we actually remove more carbon over the Lifetime of the trees that are planted.

Even if your SpiderMiner Ultras' electricity is exclusively sourced from burning fossil fuels then it's equivalent to emitting approximately 20kg of CO2 over that whole year. We will completely offset all your miner's carbon emissions and eventually go carbon negative through the lifetime of the trees that are planted on your behalf.

INTRODUCING THE SPIDERMINER ULTRA

Due to its low power consumption, multi token mining and a guaranteed high ROI the SpiderMiner Ultra offers miners a much higher chance of profitability over all other miner competitors.

An Easy-to-use interface

The SpiderMiner Ultra multi-token Miner has been designed to be a simple to use "plug and play" device. You will not have to grapple with complicated configuration settings or protocol set-ups. A simple 2 step process after power up gets you VPN protected and mining in less than 3 minutes after opening the box.

Fully Secure environment

With our world-class VPN protection (from Spider VPN) built right in, you are automatically protected from bad actors and snoopers giving you peace of mind and easy to operate unattended mining.

High Guaranteed Return on Investment (in mined tokens)

With our unique multi token mining protocol called POPS (proof of privacy staking) you can look forward to a fixed high rate of return on your investment (in tokens) with the added benefit of bonding all or some of your mined tokens for even higher rewards.

Multi Token Diversified Mining

Unlike the vast majority of other hardware miners, our versatile multi token miners have the unique benefit of token mining diversification. Your users can get peace of mind with their investment knowing that they are mining a variety of tokens, each with it's own unique properties and potential.

A UNIQUE HARDWARE MINING OPPORTUNITY
PROTECT, MINE, EARN, PROFIT & RELAX

Wi-Fi 6
LAN2
LAN1
WAN
DC
SpiderMiner
Model: SpiderMiner Ultra M01

A NEW ERA IN MULTI-TOKEN MINING

The desire for the Spider Ultra comes from its multi functionality.

The Ultra isn't just a highly-profitable multi-token hardware miner, it's also a fully fledged high Specification VPN enabled router with many additional features to come.

INTRODUCING POPS

PROOF OF PRIVACY STAKING

THE HEART OF THE SPIDERMINER REWARDS

THE 5 METRICS OF THE POPS ALGORITHM

Once you purchase a SpiderMiner Ultra it will help secure and grow the SpiderVPN network and at the same time you will receive SPDR and a range of other diversified tokens as rewards. Once you have deployed the SpiderMiner (using the SpiderMiner staking algorithm called POPS- Proof of Privacy Staking Protocol) your rewards will be highly profitable and predictable with a fixed Return on Investment (in mined tokens) known in advance.

Our revolutionary hardware mining protocol is based around your fundamental need for both security and privacy. The SpiderMiner Ultra uses a combination of 5 metrics to validate and reward miners, once all 5 metrics are validated users benefit not only from a world-class VPN service built right into their miner but are also rewarded in a predictable and highly profitable way.

1. Mining and Bonding

Miners are required to initially bond a minimum of $10 worth of each token for the duration of the mining period. Once a miner is activated these tokens are automatically bridged and staked on the Moonriver Network. The Moonriver Network has consistently low fees, high security and scalability as well as being fully transparent and decentralised.

2. Validity

The network constantly checks each miner based on its unique characteristics such as its MAC address, Chipset Serial numbers and users account details to make sure only valid and authorised miners participate in building the network and securing mining rewards.

3. Reliability

To maintain the Miners "up time" on the network, miners are "pinged" constantly and monitored for their connection and mining status. Our system checks and reports on the current and historical status of the miner reliability.

4. Security

Is the miner connected to the Spider VPN network? To participate in mining rewards users have to participate fully in building and using Spider VPN's world-class service and will be expected to be connected to the network 24/7.

5. Data throughput

Is all the users data protected? Miners are expected to achieve and maintain a minimum quantity of protected data throughput on the network. Miner usage (as measured in MB's of Data) is monitored and displayed on the miner user interface 24/7.

Together these 5 metrics are at the heart of the POPS algorithm and once successfully deployed will ensure a steady and reliable stream of multi-token rewards that are displayed in real time on the miners easy to understand interface. Built into the miner interface (among a host of other live mining metrics) is a real-time display showing the live mining and bonding rewards for each token and its current $USD value.

Proof of Privacy Staking (POPS)

Featuring both on and off-chain mechanisms

SpiderMiner operates securely both on and off chain (via off chain workers) to minimize costs, protect the miners anonymity and provide additional security with on chain governance.

ON CHAIN

- PARTNER MINING REWARDS
- BONDING REWARDS
- DAO VOTING
- DECENTRALISED KYC

OFF CHAIN

- VALIDATING CONNECTIVITY
- DATA SECURITY
- DATA PROTECTION THROUGHPUT
- VPN SECURITY

Major benefits from owning a SpiderMiner Ultra:

Your Multi-Token rewards are fully calculated and known in advance. You can choose to receive mining rewards only or mine and bond your tokens for increased rewards.

Our mining system distributes mined tokens in equal proportions and is a known quantity giving you a predictable reward rate and therefore a predictable Return On Investment.

Unlike other mining hardware there are no reward "halving events" or increased hashing requirements due to network expansion.

You benefit from a Fixed ROI rate (in tokens) that is known in advance and because there are no fluctuations or unexpected decreases in rewards due to pool sizes (as in traditional farming) your ROI (in tokens) is fully protected .

Substantial additional rewards are available through time based auto bonding built right into the miner interface, reducing the need to move tokens and incur costs.

FUTURE FEATURES

SPIDER MINERS ARE UPGRADABLE & FUTURE-PROOF

All Spider Miners are future proofed for both their operation and additional features that will be included in our roadmap. Our firmware, like any other programming, can be improved over time. Whether it's for repairing bugs or adding new features to your Miner, firmware updates can improve the operation and profitability of your miner.

We are currently developing additional features for future SpiderMiners, and we are committed to making sure every miner sold has the chance to participate and benefit from these features.

Some of these upcoming features are outlined below and will be available as a firmware upgrade in the near future:

1. DAO Voting

Future upgrades to miners will mean users that wish to participate in DAO voting will have protection from Dark DAO's. One SpiderMiner will equate to one vote with safeguards in place to ensure hoarding of hardware devices is instantaneously detected by the network, those devices are then removed and blocked from the voting features.

2. Bandwidth Monetisation

We are currently working on new and innovative ways of making use of your excess bandwidth. Since your SpiderMiner acts not only as a multi-token hardware miner, but also as a military grade VPN router we are able to analyse and calculate your average bandwidth usage and therefore able to automatically allocate and monetise excess bandwidth, harvesting the income right into your miners wallet.

3. Decentralised ID (DID)

The Decentralised ID (DID) service combines hardware MIPS Architecture, offering Military-Grade Cryptography, and 2-Factor authentication protocols so that users may access their DID Wallet from any registered personal device (Phone, Tablet, Computer) whilst ensuring maximum security.

4. Hardware Crypto Wallet

Hardware with MIPS Architecture, offering Military-Grade Cryptography, and 2-Factor Authentication protocols so that users may access their hardware wallet from any registered personal device (Phone, Tablet, Computer) whilst ensuring maximum security.

5. Metaverse Protection Aid

Built-In Metaverse Protection System, which ensures your security while you concentrate on the things you care about most in your Metaverse.

ANTMINER S19 VS SPIDER ULTRA MINER

	Bitman Antminer S19 Pro	SpiderMiner Ultra
Cost	$4000+	$1250
Power Consumption	3250 Watt	5 Watt
Noise	75 dB	Silent
Operating costs	$600	Virtually 0
Set Up	Required Tech Skills	Plug'n'Play
Temp. Management	No	Yes
Interface	Ethernet	Ethernet/Wi-Fi/LTE

TECHNICAL SPECIFICATIONS

CPU	**4-core ARM Cortex A53s 1.2 GHz**
Memory	**128MB NAND FLASH**
Storage Memory	**High-speed 512MB DDR3**
Wifi6	**No**
Wi-Fi Speed	**Speeds up to 1.2 Gigabit**
Wi-Fi Chipset	**2.4G QCN5022 & 5.8G QCN5052**
Ethernet	**RJ45 10/100 Mbit LAN with 24V POE**

USB	**Expandable Storage**
Interface	**Custom SpiderMiner**
WAN	**PPPoE**
Protocol	**POPS**
Power Supply	**24V DC passive PoE or USB-C PD rev 2.0 up to 22V**
Power Consumption	**3.5W in average, peak 6W**
Operating Temperature	**-40 BC to 70°C**
Enclosure	**ASA plastic, anti-UV**
Package Size	**24cm X 14cm X 2.5 cm**
Weight	**0.4 kg**