SpiderMiner.

YOUR COMMUNITY

CAN NOW HARDWARE MINE YOUR TOKEN

MORE TOKEN ADOPTION & STAKING THROUGH HARDWARE MINING
1-CLICK 90 DAY BONDING OPTIONS ENCOURAGING GREATER TVL
CAREFULLY CONTROLLED TOKEN EMISSIONS OVER 12 MONTHS

Spider Miner Ultra

The Spider Ultra is the world's first Multi-Chain Crypto Miner, capable of mining multiple cryptocurrencies simultaneously. Ultra miners can be purchased with USDC.

Low Fees, High Return

Ultra miners have lowest fees in the industry, with only 1% of the total rewards requirement, even when operated at full capacity. Ultra miners have a requirement of a quarter of SPIDER.

Beneficial Partnership

Ultra is a totally beneficial partnership with no downsides for the Spider community. Ultra adoption is a win-win for the Spider Ultra owners, the Spider community and the Spider ecosystem.

SPIDER CRYPTO MINERS
THE WORLD'S MOST ECO-FRIENDLY CRYPTO MINERS
SPIDERMINERS HAVE NET-ZERO CARBON EMISSIONS!

Unlike traditional crypto mining farms, Spider Miners have no fossil fuel emissions. Bitcoin mining alone requires 93.7 GJ of electricity to operate, this is equivalent to only 30 kilometres of electricity (over an ON/OFF year. That is already an incredibly impressive usage. Our net-zero goal is even better.

Buy a Miner - Plant a Tree

Every miner purchased will result in a tree being planted in the Tree Nation system. This project has been ongoing for over 2 years and has planted over 1 Million trees.

Low Power, Low Emissions

Our miners are designed with low power requirements, even when operated at full capacity. Our miners have a requirement of a quarter of SPIDER.

Mine Crypto, Earn tokens & Plant the Environment

Unlike traditional Crypto Mining you can earn tokens and plant trees. Our miners are designed with low power requirements, even when operated at full capacity. Our miners have a requirement of a quarter of SPIDER.

Even if your SpiderMiners' electricity is electrically sourced from Burning Fossil fuels then it's equivalent to emitting approximately 20kg of CO2 per year. Which is the equivalent of one tree. Whereas if your miner is powered by renewable energy, you either negate the equivalent of the lifetime of the trees that are planted on your behalf.

INTRODUCING THE SPIDERMINER ULTRA

Ultra has the same power, multi-chain mining and a guaranteed high ROI the SpiderMiner Ultra offers miners a much higher choice of profitable coins and all-in-one wallet functionality.

Are Easy to use Interface

The Spider Ultra comes with Ether-Net access designed to be as simple to use as a digital clock. Miners can be connected to any ethernet network and the Spider Ultra will be ready to mine. Miners can also be connected to a laptop or desktop to give your same IPs and passwords and mining is ready to go. Plug in, connect and mine. It's that easy.

Fully Secure environment

Ultra uses Linux-like OS protection with rights, + extra anti-vulnerability protection and encrypted communication using the latest ethernet and http/s protocols.

High return on investment

With our unique multi-chain mining protocol which PROFIT switch among the most profitable coins, Ultra miners can earn more than any other miner. Ultra miners can be easily switched to mining of a wide of the most profitable coins.

Multi Tokn Diversified Mining

Ultra miners can be easily switched to other coins, for example, if the price of the coin they are mining drops significantly, Ultra miners can be easily switched to mining other coins. Ultra miners can be easily switched to mining of many, many coins.

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

A NEW ERA IN MULTI-TOKEN MINING

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

The Ultra isn't just a high performance miner, it also features 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 users purchase a SpiderMiner it will help secure and grow the Spider VPN network and at the same time receive VPN data in range of other ethereum tokens as rewards. Once users have deployed the SpiderMiner (using the SpiderMiner staking algorithm called POPS: Proof of Privacy Staking Protocol) rewards will be highly profitable and predictable with a fixed ROI (Return on Investment) in tokens minted/known in advance.

Our revolutionary hardware mining protocol is based around your fundamental need for both security and privacy. The SpiderMiner uses a combination of 5 metrics to validate and reward miners since all 5 metrics are validated users benefit not only from a world class VPN service but might mint 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 150 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 Moon River Network. The Moon River 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 in unique characteristics such as its MAC address, Chipset Serial numbers and uses account details to make sure only verified authorised miners participate in building the network and securing mining rewards.

3. Reliability

The Miners 'up time' on the network. Miners are 'pinged' constantly throughout the day and are rewarded for attaining strong uptime. Miners check and reports on the current and historical shares 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 network. Miners active 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 high data throughput. Miners are required to be active on the network. Miner usage can measured in MBs of Data transferred and displayed on the miner user interface 24/7.

Proof of privacy staking (POPS)
Featuring both on and off-chain mechanisms

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

ON CHAIN	OFF CHAIN
PARTNER MINING REWARDS	VALIDATING CONNECTIVITY
BONDING REWARDS	DATA SECURITY
DAO VOTING	DATA PROTECTION THROUGHPUT
DECENTRALISED KYC	VPN SECURITY

Other benefits to your community members from owning a SpiderMiner Ultra

Multi-Token Miners are by nature diversified and known in advance, there is no exposure to sudden and large token sales due to the TimeToken based release system. Our mining system distributes tokens in equal proportions and is known quantity giving users an insight into a predictable release rate.

No reward "halving events" or increased hashing requirements due to network expansion.

Users benefit from a Fixed APY rate (in tokens) that is known in advance and because there are no fluctuations or unexpected increases in rewards due to pool sizes (as in traditional farming) you are protected as well.

Additional additional updates 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 on 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 governance will be able to vote directly from their miner. Voting power will require to pair coins with infiguards in order to ensure fairness and hardware devices is instantaneously detected by the network, those devices are then removed and blocked from the voting feature.

2. Bandwidth Monetisation

We are currently working on new and innovative ways of making use of your excess bandwidth. Since our SpiderMiner acts not only as a miner but also as a multi-chain hardware miner, but also as a military grade VPN router and VPN node, we are in a unique position to monetise bandwidth sharing 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 WIFS Architecture, offering Military-Grade Cryptography and 2-Factor Authentication protocols, so that users can prove their DID ownership from any login and using any device (Phone, Tablet, Computer) whilst ensuring maximum security.

4. Hardware Crypto Wallet

Hardware with WIFS 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 SPIDERMINER ULTRA

	Bitmain 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
WIFS	Compatible
Wi-Fi Speed	Speeds up to 1.2 Gbps
Wi-Fi Chipset	2.4G: QCN5021 & 5.8G: QCN5052
Ethernet	RJ45 10/100/1000 Mbps LAN with 2.4A PoE
USB	Expandable Storage Soon
Interface	Custom SpiderMiner
WAN	PPPoE
Protocol	POPS
Power Supply	19V DC powered, PoE or USB-C PD via 20 watt or USB
Power Consumption	5.5W in average, peak 8W
Operating Temperature	-40 RC to 70°C
Enclosure	ASA plastic, anti-UV
Package Size	14cm X 14cm X 2.5 cm
Weight	0.41kg

SpiderMiner.

Multi-Token Miners in Minutes | World Class VPN | Worldwide Certification

1 2 3