



FLASH RATE

Custom Engineered For Data Farming

JOIN THE POOL

Providing you with the most powerful hardware available to ensure your operation is performing beyond your wildest expectations.



[ETH ASICS](#)

[GPUS](#)

[CASES](#)

[PROTOCOLS](#)





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PRODUCT PORTFOLIO

Everything the Average Consumer Needs to Begin Mining for a Profitable Return

CIVIC: DYNAMIC GPU



FlashRate Civic is a mining specialized GPU similar to the Nvidia P102 @ ETH: ~47 MHS

MASS: ETH ASIC



FlashRate Mass is an Ethereum ASIC miner similar to Antminer E3 @ ETH: ~180 MHS

FUSION: COOLING CASE



FlashRate Fusion merges powerful cooling with ASIC protocol accessibility for hobbyist miners.





CIVIC: GPU SPECIFICATIONS

A Dynamic Alt-Coin Mining GPU

Supporting Requirements

Nvidia Inno3D P102-100 Specifications

- ❖ GPU: P102-100
- ❖ CUDA Cores: 3200
- ❖ Base Clock: 1582 MHz
- ❖ Memory Clock: 10 Gbps
- ❖ Physical Memory Size: 5 GB
- ❖ Memory Type: GDDR5X
- ❖ Memory Interface Width: 320-bit
- ❖ Memory Bandwidth: 400 GB/s
- ❖ Bus Support: PCIe Gen3 x 4
- ❖ Card Size: 21.5 cm length, 12.5 cm height, dual slot
- ❖ Max TDP: 250 Watt
- ❖ Power Connectors: 2 x 8-pin PCI-E

FLASHRATE

CIVIC MINING OPTIMIZED GPU





MASS: ASIC SPECIFICATIONS

An ETH-Hash ASIC Engineered for Profitable Mining

Supporting Requirements

ASIC Antminer E3 Specifications

- ❖ ASIC: Eth Hash
- ❖ Hashing Chips: 18 pcs
- ❖ Hash Boards: 3 pcs
- ❖ Total Eth Hash Rate: 190 MH/s
- ❖ Max TDP: 800 Watt
- ❖ Cooling Fans: 2 Units
- ❖ Weight: 10.8KG

FLASHRATE

MASS SPECIALIZED ETH ASIC





FUSION: CASE DIMENSIONS

Our Intentionally Engineered Mining Racks

Supporting Requirements

Cooling Case Dimensions: To Be Determined

- ❖ Our 3D printed, flashrate branded cases will be aesthetically appealing for customers.
- ❖ Dual symmetrical side vents provide optimum internal cooling power noise reduction.
- ❖ Stable, weight distributed construction is ideal for desktop placement settings.
- ❖ The clamshell case opens simply, providing easy access to internal components.
- ❖ Interior of case allows room for 7 GTX 1080 type GPUs and is spacious allowing for ample airflow.
- ❖ Dimensions: 32" x 16" x 27"

FLASHRATE

FUSION COOLING CASE





AGENT: PROTOCOL FEATURES

Stay Profitable Using our GPU Management Software

Mine Profitable Proof of Work Coins

We've designed an Artificial Intelligence Agent that helps you manage mining of profitable alt-coins per day.

- ◆ Ethereum & Classic / Ethminer & Geth
- ◆ Monero / MonersSpelunker
- ◆ Electroneum / XMR-STAK 2.2
- ◆ ZenCash / EBWF Cuda ZCash Miner
- ◆ Dashcoin / CC - Miner via GitHub
- ◆ FantomCoin / CryptoNight Algorithm
- ◆ QuazarCoin / EBWF Cuda QC - Miner
- ◆ DigitalNote / CryptoNightV7 Algorithm
- ◆ Feon / CryptoNight-Lite & Hash Vault Pro

FLASHRATE

AGENT ADAPTIVE MINING PROTOCOL





CONSUMER OFFERING

Keep Mining Accessible by Utilizing our Cost Efficient Startup Bundle

Mine For Cryptocurrency

With 7 powerful GPU processors, FlashRate produces quality tested mining setups coupled with secure cold storage procedures, making it simple for the average consumer to own and maintain their cryptocurrency lifestyle.

Run Powerful Simulation Environments

Utilize creative tools with Adobe, and many other professional tools. Simulate multidimensional physics environments, or other programming tasks in MatLab and AutoDesk.

Run video game environments and virtual reality comfortably, on the maximum settings without interruption or concern for framerate drop.



3600 usd

0.6 btc

Powered by 7 GPUs @ Total 330 Mh/s

ASSEMBLY / DESIGN & COMPUTE



ETH ASICS



GPUS



CASES



PROTOCOLS





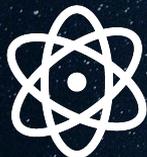
IMPORTING AND DISTRIBUTING

Once we Acquire Hardware, we can Engage our Database of Contacts in Distribution and Sales Across the USA



eCommerce, Newegg & Amazon

By piloting our products on our MSRP standardized eCommerce website, we can sell at consumer margins, as well as dynamically adjust price lists for wholesale accounts. In addition, we intend to work with popular online retailers to liquidate bulk inventory.



Build Packaged Desktop Computers

The FlashRate team is capable of composing beautifully engineered end products capable of capturing direct consumer sales attention as well as bulk contracts for data laboratory installations.

Boutique Computer Hardware Shops

We intend to partner up with smaller computer hardware stores across the USA to train their staff on how to sell our chips and prebuilt desktop computers to their clients. In addition, we plan to sell to pre-existing regionally exclusive distribution companies..



Large Technology Retailers

By partnering with local distributors, we will gain credibility and be able to entertain conversations with big box retailers. We hope to speak with BestBuy, GameStop, Circuit City, MicroCenter, and many more...





CONSUMER DEMOGRAPHICS

We Know What the Community Is Looking For and we Know Where to Find Them



The Average Cryptocurrency User

Most cryptocurrency enthusiasts (70%) identify as married, American, non-religious, Libertarian males in between the age 25 - 34 with 50k - 100k a year salaries. - *Coin Desk*



How Does the Consumer Like to Shop?

These consumers typically use credit cards or debit cards to make purchases online. When researching for instructions, they tend to consult discussion forums and popular platforms such as Reddit and Youtube.





MARKETING STRATEGY

A Super Targeted Marketing Initiative Through Reddit, Youtube, Instagram & Facebook

Reddit



Promote on Mining Subreddits

We will actively read subreddit posts to comment on mining trends within the community. In this way we will be positioned to control brand image.

Youtube



Attract Crypto-Investor Subscribers

By reaching out to mining community influencers on Youtube, we will actively promote various mining solutions, democratizing access to affordable, quality chips.

Facebook & Instagram



Paid Advertising to Target Groups

By studying consumer awareness of cryptocurrency type investing, we will market to similar, targeted audiences, and experiment on new analytics tools for tracing sales conversion.



ETH ASICS

GPUS

CASES

PROTOCOLS





MARKET PROJECTIONS

Where we see the future of Blockchain Technology & the future of the Ethereum Development Community

<p>2017 Quarterly Averages Ethereum</p> <ul style="list-style-type: none"> ❖ Q1 2017: \$4900 USD ❖ Q2 2017: \$230 USD ❖ Q3 2017: \$346 USD ❖ Q4 2017: \$1360 USD 	<p>2019 Quarterly Averages Ethereum</p> <ul style="list-style-type: none"> ❖ Q1 2019: \$975 USD ❖ Q2 2019: \$1070 USD ❖ Q3 2019: \$1300 USD ❖ Q4 2019: \$1250 USD
<p>2018 Quarterly Averages Ethereum</p> <ul style="list-style-type: none"> ❖ Q1 2018: \$973 USD ❖ Q2 2018: \$394 USD ❖ Q3 2018: \$490 USD ❖ Q4 2018: \$874 USD 	<p>2020 Quarterly Averages Ethereum</p> <ul style="list-style-type: none"> ❖ Q1 2020: \$1000 USD ❖ Q2 2020: \$925 USD ❖ Q3 2020: \$1250 USD ❖ Q4 2020: \$1500 USD

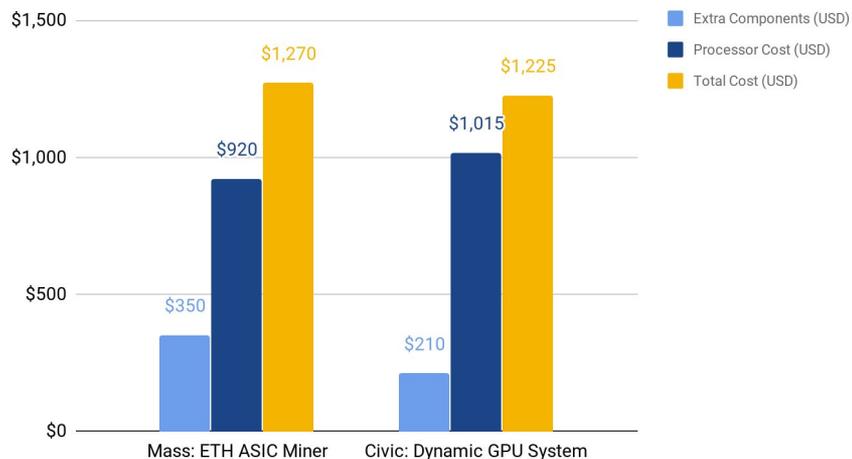




MINING OPERATIONS

Our Considerations for Operational Headquarters around Cheyenne, Wyoming

Dynamic GPU Mining vs ASIC Mining Cost Estimate (USD)



The regulations in Wyoming are lenient towards blockchain and internet companies. We have traction on warehousing with affordable electricity.

Option 1: Alt-Coin GPU Mining Farm

- 7 Nvidia P102 GPU: **\$1015**
- Other Components: **\$210**
- Cost Per Miner: **\$1225**
- Required QTY: **122**

Option 1: GPU Output

- Eth HR: **330/mhs**
- Eth / 1 Year: **7.95**
- Eth Price: **\$305**
- Return: **300k / yr**

Option 2: Ethereum ASIC Farm

- Antminer E3: **\$920**
- Other Components: **\$350**
- Cost Per Miner: **\$1270**
- Required QTY: **211**

Option 2: ASIC Output

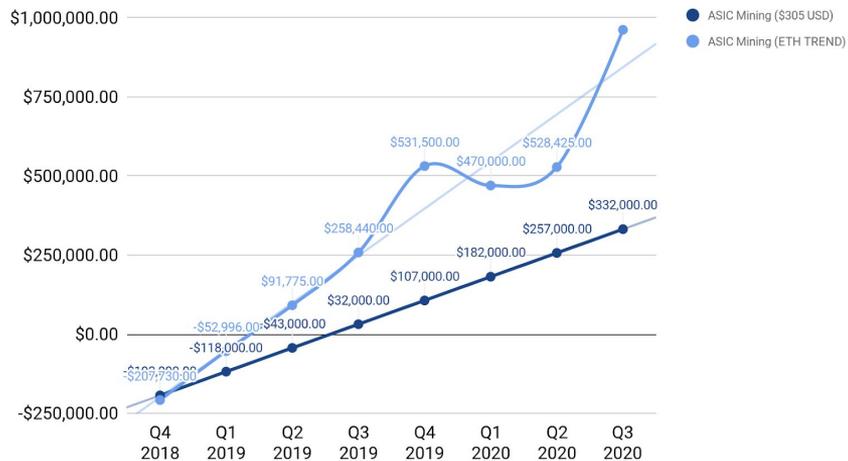
- Eth HR: **190/mhs**
- Eth / 1 Year: **4.66**
- Eth Price: **\$305**
- Return: **300k / yr**



CALCULATED ASIC RETURNS

Our Return on Investment from Utilizing ASIC farming to support the future of DAPP Development

ASIC Mining || Projected Trading Price ETH: \$305 - \$1500 || Return on Investment



The regulations in Wyoming are lenient towards blockchain and internet companies. We have traction on warehousing with affordable electricity.

ASIC MINING BENEFITS

1. More hashing power per rig means less waste in used components.
2. Engineered to mine specific encryptions in sprint-like timeframes.
3. Could become the mining standard if marketed effectively.
4. Reduces the price of GPU by dividing the market with specialized gear.

ASIC MINING SETBACKS

1. You can only use an ASIC for one purpose, mining.
2. Many supporters of crypto like to use GPU to mine.
3. ASIC make the mining pool rewards difficult to obtain for traditional hobbyist miners.
4. They are currently only slightly more expensive than our GPU sourced cost estimates.

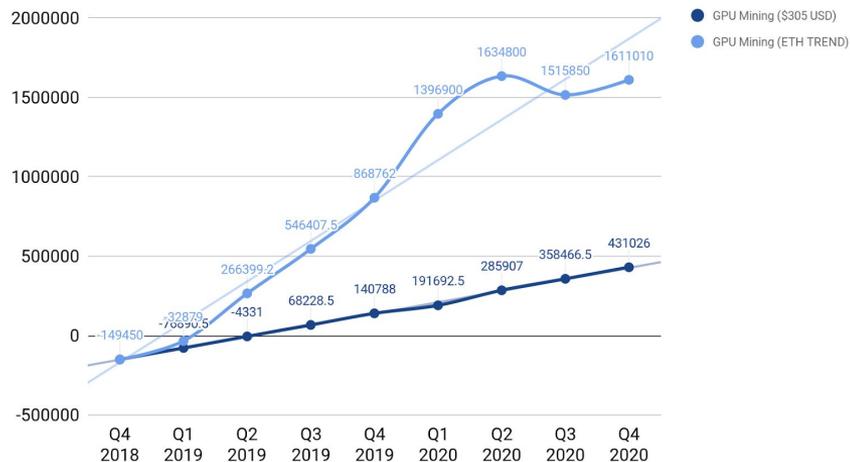




CALCULATED GPU RETURNS

Our Return on Investment with GPU farming to support the future of Decentralized Payment Solutions

GPU Mining || Projected Trading Price ETH: \$305 - \$1500 || Return on Investment



The regulations in Wyoming are lenient towards blockchain and internet companies. We have traction on warehousing with affordable electricity.

GPU MINING BENEFITS

1. Specialized miners can perform proof of work for many types of altcoins.
2. Hobbyist miners can still make contributions to mining pools and be rewarded.
3. More of a democratized solution for the entire community.
4. GPU are multi-use, and also able to run powerful simulations and computations

GPU MINING SETBACKS

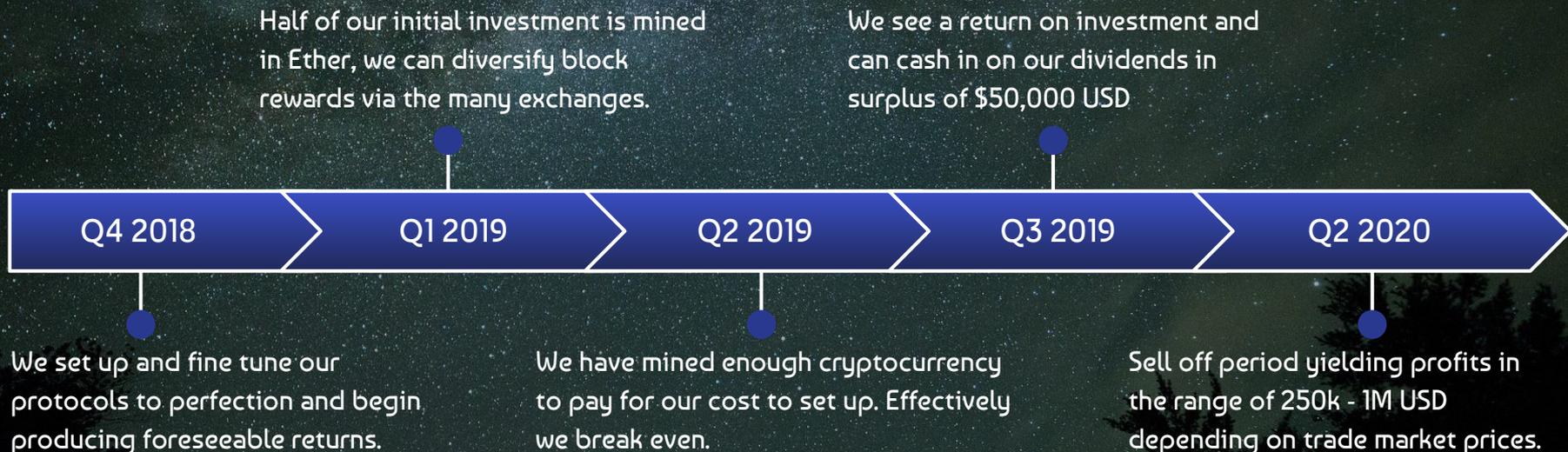
1. Cost for graphics cards are increasing because of the larger data farms.
2. Transitions from Proof of Work to Proof of Stake may limit our timeframe.
3. Encryption bomb could potentially fall in the favor of more powerful ASIC miners.
4. GPU mining consumes pure water / environment.





CURRENT STATUS & TIME FRAME

We Expect to see Profitable Returns Within 8 Month of Continuous, Uninterrupted Hashing





DECENTRALIZING CHIP MANUFACTURING

By Positioning Ourselves as the Solution, we Ensure the Survival of Diversified Production Operations

Mission Statement

FlashRate is focused on the future of chip manufacturing and delivering a meaningful experience to the average tech industry consumer and stakeholder.

We recognize that decentralizing the network encryption of valuable IoT objects is an locked in an ongoing debate between Proof of Work and Proof of Stake.

We are looking for opportunities to uniquely position ourselves in the market to be the ones providing the highest quality hobbyist hardware.

Goals & Deliverables

Goal 1: Securely fund, purchase and build our first cryptocurrency mining operation in a region with affordable electricity.

Goal 2: Pay back mining investment within 3 quarters of a year and begin profit sharing with supporters at 10% - 20% portions.

Goal 3: Optimize FlashRate operations for long term partnerships with chip manufacturers with continued support for variations in crucial big data related hardware.





INVESTMENT OPPORTUNITY

We Aim to Endure the Market Shock Associated with the Proof of Stake Transition



150k for GPU Miners

We are looking to pay \$170 USD / GPU from one of our contacts. Multiplied across 854 total chips, we will require \$145,180 in funds to cover equipment. With these performance mining rigs we've calculated yearly returns of 200k on the conservative side. Profit sharing lands between 10% - 20%.



Provide Replica GTX 1080 / 2080

If we could potentially source replica GPU processors, engineered to compete with most Nvidia medium range processors, we could promote them to the US markets via FlashRate's private labelling program. We are also willing to test and clock processing speeds on experimental new products and write verified certificates.



50k for Testing Hardware

With our share of the returns we see from the mining production, we will be able to continuously test new hardware for control stations and larger scale mining operations, as well as any other experimental security solutions that can evolve from blockchain technologies.





ALTERNATIVE SOURCING

With our Connections in Europe & Asian, we can Escalate our Plans for Building a Data Farm



European Sourcing for Aftermarket GPU Processors

Europe is a great place for sourcing quality tested operational encryption mining rigs. We have opportunities with competitive pricing for GPUs below \$110 per processor, in bulk.



Chinese Manufacturer Direct Connection to GTX 1080 / P102

We are looking at Nvidia P102 cards, and have a connection for acquiring a surplus of 850 at \$170 a piece. We are hoping to be able to communicate and market feedback to the manufactures creating these chips.





THANK YOU

For Considering Our Operational Strategy

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