

BITCOIN MINING[®]

GUIDE V3





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MINING MEET

BITCOIN MINING EXPO





7TH YEAR





Stars, Stripes, and Satoshis: America's Bitcoin Mining Boom

The United States has emerged as a significant player in the Bitcoin mining industry, with several American companies leading the charge in developing and deploying mining technology. Here's a look at some key U.S.-based Bitcoin mining companies and their contributions:

1. Marathon Digital Holdings (MARA):

Headquartered in Fort Lauderdale, Florida, Marathon Digital is one of the largest Bitcoin mining companies in North

America. The company focuses on expanding its mining operations and increasing its hash rate by deploying efficient mining hardware across various facilities in the U.S.

2. Riot Platforms, Inc.:

Based in the United States, Riot Platforms is a leading Bitcoin mining company dedicated to increasing its hash rate and infrastructure capacity. The company emphasizes utilizing efficient mining technologies and has made significant investments in expanding its operations within the country.

3. Block, Inc.:

Formerly known as Square, Inc., Block is an American technology company founded by Jack Dorsey. The company has ventured into the Bitcoin mining sector by developing its own standalone three-nanometer Bitcoin mining chip, aiming to decentralize the supply of mining hardware and distribution of hash rate. These companies exemplify the growing American footprint in the Bitcoin mining industry, contributing to technological advancements and increased mining capacity within the United States.

Trump Administration's Support for Bitcoin Mining:

The current administration, under President Donald Trump, has taken steps to bolster the cryptocurrency market. An executive order was issued to create a cryptocurrency working group tasked with proposing new digital asset regulations and exploring the creation of a national cryptocurrency stockpile. This move aligns with the administration's goal to make the U.S. the "crypto capital of the planet."

Global Competition:

As the U.S. ramps up its support for Bitcoin mining, other nations are likely to enhance their efforts to remain competitive. Countries with abundant energy resources and favorable regulations may attract mining operations. Additionally, nations investing in renewable energy sources could position themselves as attractive destinations for sustainable mining practices.

In conclusion, the United States is solidifying its position in the Bitcoin mining industry through the efforts of domestic companies and supportive government policies. As the global landscape evolves, other countries will need to innovate and adapt to keep pace with the U.S.'s pro-Bitcoin stance.





BITMAIN

CREATING A BETTER DIGITAL WORLD

Since its foundation in 2013, BITMAIN is the world's leading manufacturer of digital currency mining servers through its brand ANTMINER, which has long maintained a global market share and leading position in technology, serving customers across over 100 countries and regions, and it has multiple branches and subsidiaries across the globe.

Driven by the core vision of “Creating a better digital world” BITMAIN has built “Win-win cooperation, Long-term value Trustworthy” partnership with customers worldwide. With its advanced computing energy efficiency technology, BITMAIN provides secure and reliable computing power infrastructure for global blockchain networks, supporting innovation and sustainable development in the Web 3.0 era.

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Bitcoin Miners Breathe Easy Dodging the Regulatory Bullet

Regulatory Roadblocks Averted How Bitcoin Miners Dodged Costly Compliance Measures



In recent months, two major regulatory policies aimed at the Bitcoin mining industry have faced significant pushback and were ultimately rescinded or halted. The U.S. Securities and Exchange Commission's SAB 121 and the U.S. Energy Information Administration's (EIA) emergency mining energy survey were both intended to impose stricter oversight on the sector but failed to pass muster after industry resistance.

The Fallout of SAB 121 and the EIA Survey

SAB 121, issued by the SEC, required financial institutions to report digital assets, including Bitcoin held on behalf of clients, as liabilities on their balance sheets. This policy discouraged traditional banks from offering crypto custody services, limiting access to institutional grade financial infrastructure for miners and increasing operational costs. However, after intense industry opposition, the SEC rescinded the ruling, allowing banks to provide custody without burdensome financial reporting, benefiting miners by

improving institutional trust and capital accessibility.

Similarly, the EIA's emergency survey sought to collect detailed energy consumption data from large-scale miners, citing concerns over grid stability and environmental impact. Had it been enforced, Bitcoin miners would have faced increased scrutiny, potential regulatory penalties, and costly reporting requirements. However, after legal action from industry groups, the survey was suspended, eliminating the immediate threat of additional compliance expenses and operational disruptions.

Why Their Failure Benefits Bitcoin Miners

The collapse of these regulations is a win for the mining industry, as it removes unnecessary barriers that could have hindered growth and profitability. Without SAB 121, miners can expect broader banking support, easier access to institutional investment, and more financial stability. The failure of the EIA survey ensures miners can continue operations without intrusive oversight, allowing them to focus on efficiency improvements rather than compliance burdens.

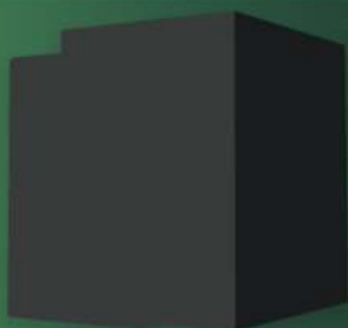
With these regulatory hurdles out of the way, Bitcoin miners can operate with greater flexibility and focus on innovation, sustainability, and expansion key factors in remaining competitive in the rapidly evolving crypto landscape.





AlphaPex, Your Mining Partner

AlphaPex miners are powered by cutting-edge ASIC chips developed in-house by one of the best R&D teams in the industry, ensuring competitiveness and performance stability. Thoroughly field tested over time and at industrial scale, AlphaPex products provide top-tier reliability. Mine LTC to Get DOGE, BELLS, LKY, PEP, JKC.



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630W
0.3J/M



DG1+

14000M
3920W
0.28J/M



DG Hydro 1

20000M
6200W
0.31J/M



DG1

11000M
3410W
0.31J/M



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THE FUTURE OF ASIC MINING

Bitcoin has blown past all-time highs, proving that mining remains one of the most critical industries in crypto. But with this surge comes a wave of changes—regulatory shifts, evolving technology, and the rise of home mining—forcing miners to adapt or risk falling behind.

For years, JSBIT has been a trusted partner in the mining industry, helping operations of all sizes stay ahead by providing the latest ASICs from Bitmain, ElphaPex, and MicroBT. Whether you're a large-scale operation or an individual miner, the ability to adjust to industry trends is more important than ever.

The Three Major Shifts in Bitcoin Mining:

- Bitcoin's Growth & Market Cycles – With BTC reaching record highs, mining profitability is strong, but competition is increasing.
- Regulatory Changes – Governments worldwide are implementing new policies, making compliance a key factor for miners.
- The Rise of Home Mining – With more efficient and quieter machines, mining is becoming more decentralized than ever.

JSBIT: Helping Miners Stay Ahead

JSBIT works with the three biggest names in the industry to ensure miners get access to the latest and best hardware:

- Bitmain – Industry leader behind Antminers, powering large-scale mining.
- ElphaPex – Innovating Script mining with high-efficiency solutions.
- MicroBT – Creators of WhatsMiners, known for high performance and reliability.

With Bitcoin stronger than ever, altcoins like Dogecoin have fueled the rise of home mining. That's where ASICs like the DG Home 1 come in—designed for individual miners, it's quiet, efficient, and easy to set up. Mining isn't just for the big players anymore; it's becoming a global, decentralized movement.

What Miners Need to Do Now To stay competitive, miners must:

- Upgrade to the latest hardware – Stay efficient and maximize earnings.
- Think long-term – BTC's price cycles fluctuate, but mining remains profitable with the right setup.
- Explore home mining – Decentralization is key to Bitcoin's future, and small-scale mining is growing rapidly.

The next big shift in mining is already here, and JSBIT is ready to help you navigate it. Whether you need the latest ASICs, home mining solutions, or expert guidance, we've got you covered.



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