- **Compute Power Allocation:** Qubic splits compute power 50/50 between AI research and outsourced tasks like Monero mining for stability.
- **Monero Mining Performance:** The system achieves 942 MH/s, securing over 50% of Monero's hash rate, demonstrating high operational capability.
- **AI GORD's Focus:** AI GORD develops advanced AI targeting multiple industries, relying on thousands of Qubic miners generating diverse neural networks.
- **Network Architecture Choice:** Separating AI training from transaction validation boosts performance and stability, enhancing scalability without compromising security.
- **Market Positioning:** Qubic's useful proof of work enables real compute value, meeting demand for decentralized computing in critical sectors.
- **Future Growth Strategy:** Expansion plans include offering decentralized compute power to healthcare and finance, aiming to capture new revenue streams.

Useful Proof of Work Implementation

Qubic splits compute power evenly between AI research and outsourced computing to maximize network utility.

- **Qubic dedicates 50% of its compute power to AI research via AI GORD and 50% to outsourced tasks like Monero mining** (00:07)
    - The split prevents frequent disruptions caused by algorithm changes every two to three months.
    - AI GORD requires regular algorithm and parameter tweaks, which would harm user experience if it consumed all compute power.
    - This design balances innovation in AI with stable, continuous mining operations.
    - It positions Qubic as a network where compute power serves practical purposes, avoiding wasted hashing.
- **Outsourced computing currently supports Monero mining, reaching up to 942 megahashes per second, over 50% of Monero's hash rate** (04:11)
    - A custom bridge routes Monero mining tasks to Qubic's network and returns solutions seamlessly.
    - This proof of concept confirms Qubic's capability to handle high compute loads reliably.
    - It validates Qubic's potential to offer decentralized compute power for sectors needing heavy processing, like healthcare and finance.
    - The system's success underlines the strategic value of useful proof of work as a differentiator from other chains.

AI GORD Research and Strategic Vision

AI GORD leads Qubic's mission to develop groundbreaking AI beyond conventional applications.

- **AI GORD focuses on building advanced AI that surpasses human problem-solving and targets multiple industries** (02:22)
    - It operates with hundreds of thousands of Qubic AI miners generating numerous artificial neural networks weekly.
    - This open-source AI aims to impact healthcare, finance, and technology with innovative solutions.
    - Unlike competitors focusing on superficial AI uses, AI GORD pursues deep, transformative advancements for societal benefit.
    - This vision guides ongoing algorithm and parameter adjustments every few months to refine AI capabilities.
- **Separating the AI training layer from transaction validation ensures specialized performance and network stability** (02:22)
    - The main network handles transactions while AI GORD manages training, avoiding resource conflicts.
    - This separation supports scaling AI research without compromising network security or speed.
    - It reflects a deliberate architecture choice to future-proof Qubic's growth and multi-use functionality.
    - This design underpins Qubic's long-term competitiveness in decentralized AI and computing markets.

Proof of Concept and Market Positioning

Qubic's current integration with Monero mining demonstrates its practical and competitive edge.

- **Achieving an all-time high of 942 MH/s redirected to Monero confirms Qubic's operational strength** (04:11)
    - This represents over 50% of Monero's total hash rate, a significant market share for a decentralized network.
    - The bridge technology enables smooth task handoff and solution return, proving technical feasibility.
    - This capability sets Qubic apart by combining blockchain with outsourced computing in a live environment.
    - It positions Qubic for future growth as a key player in decentralized compute services.
- **Qubic's useful proof of work approach challenges traditional mining by delivering real compute value beyond transaction validation** (06:37)
    - This aligns with growing demand for decentralized computing power in AI, healthcare, and finance sectors.
    - It creates a competitive advantage by appealing to clients needing efficient, trustworthy compute resources.
    - The approach supports Qubic's broader business goal of becoming a decentralized compute platform, not just a blockchain.
    - This strategic shift enhances market relevance and opens new revenue streams.

Future Roadmap and Business Impact

Qubic plans to expand outsourced computing use cases while maintaining AI research agility.

- **Ongoing algorithm updates every two to three months balance AI research innovation with user experience stability** (00:07)
    - This cadence allows AI GORD to evolve without disrupting miners or clients relying on stable compute power.
    - It supports iterative improvement while protecting network usability.
    - This measured pace reflects a thoughtful approach to scaling complex AI systems on decentralized infrastructure.
    - It prepares Qubic for longer-term applications requiring both flexibility and reliability.
- **Expanding outsourced computing beyond Monero mining to sectors like healthcare and finance is a key growth focus** (06:37)
    - This will leverage Qubic's decentralized network to meet rising compute demands in data-intensive industries.
    - The network's ability to provide reliable, distributed compute power will attract diverse customers and partners.
    - This expansion aligns with the vision to transform proof of work into a truly useful resource.
    - It anticipates growing market demand for decentralized AI and computing solutions, driving future revenue.