

APhone and Aethir Announce 10x Scaling Solution to Supercharge DePIN

Underpinned by enterprise-grade GPUs and Aethir Edge, the new solution will enable APhone to accommodate more than 800,000 daily active users while greatly reducing operational costs.

Tuesday, 23rd July - 9am ET — [APhone](#), the world's first decentralized virtual smartphone, and distributed GPU cloud computing network [Aethir](#) have announced their collaboration on a new solution that would allow network participants to share cloud resources and effectively scale daily user capacity by 10x via already existing hardware capabilities.

The new solution would enable APhone to accommodate well over 800,000 daily concurrent users while reducing the monthly cost per user to less than \$0.60, greatly reducing operational costs while maintaining high service reliability and performance levels.

“This strategic partnership is pivotal as APhone aims to expand its infrastructure from the current 80,000 peak concurrent users to even greater heights in the near future,” said William Paul Peckham. “To power this demand, APhone requires a substantial amount of computing. Leveraging Aethir's distributed GPU infrastructure saves \$3.2 million quarterly, resulting in a quarterly expenditure of \$1 million worth of ATH in purchasing computing from Aethir directly.”

To achieve this goal, Aethir's decentralized cloud infrastructure was the perfect choice due to its unique capabilities in handling real-time computation needs for gaming, rendering, instance hosting, and AI referencing. This is crucial for APhone, which provides users with seamless access to a variety of decentralized applications (dApps), including games and AI agents, directly through their cloud smartphones.

At the same time, the affordability and scalability of Aethir's decentralized physical infrastructure (DePIN) will allow APhone to maintain high performance and security while minimizing operational costs. While traditional cloud phones cost more than \$25 per month, APhone can offer this service for a mere \$6 monthly by leveraging Aethir's infrastructure.

Moreover, [Aethir Edge](#) — an enterprise-grade edge AI device integrated with the platform's distributed GPU cloud infrastructure — plays a significant role in APhone's operational framework, massively enhancing the efficiency and speed of Web3 applications. By hosting APhone's instances, Aethir Edge ensures that users experience optimal performance with minimal latency, which is essential for the smooth functioning of resource-intensive dApps and metaverse experiences.

“By assigning unique IP addresses to each cloud smartphone, Aethir Edge is massively beneficial for applications requiring distinct network identities, such as gaming, IoT, and decentralized finance platforms,” explained Mark Rydon, Aethir co-founder and Head of Strategy . “Simultaneously, this feature also enhances security, improves network performance, and ensures reliable data processing and transmission across various use cases.”

On its part, APhone was designed from the ground up to act as a gateway to Web3 and provide access to a curated selection of dApps — from DeFi protocols to immersive metaverse experiences — directly from the cloud device regardless of hardware constraints. At the same time, APhone’s platform also allows developers to build, launch, and scale Web3 projects effortlessly, ensuring a steady influx of innovative applications for users.

To date, Aethir Edge has distributed 11,000 physical units that provide a GPU-as-a-service for AI processing, gaming, VR/AR, and real-time streaming for their customers. These devices are in high demand, with future releases accessible via a waitlist. Device owners can earn rewards in Aethir’s native token, ATH, with 23% of the total supply reserved for Aethir Edge users. This initiative supports decentralized, user-owned edge computing, moving away from centralized data monopolies toward equitable access and governance.

-end-

For more information, please contact:

CLPR | <https://clpr.agency/>

About APhone

The APhone is the first decentralized cloud-based smartphone, crafted to redefine your mobile experience. With superior processing power, unparalleled storage capabilities, and a high-quality GPU, it seamlessly integrates to offer continuous, high-performance access to your digital world. Powered by Aethir’s cutting-edge decentralized cloud technology, APhone ensures heightened security, privacy, and user protection. APhone provides a myriad of smartphone functionalities within a single device, delivering a comprehensive and advanced mobile experience.

[Website](#) | [X](#) | [Telegram](#) | [Discord](#)

About Aethir

Aethir is the only Enterprise-grade AI-focused GPU-as-a-service provider in the market. Its decentralized cloud computing infrastructure allows GPU providers to meet Enterprise clients who need powerful GPU chips for professional AI/ML tasks.

[Website](#) | [X](#) | [Telegram](#) | [Discord](#)