

NKN (NKN)

About :

NKN : Network Infra for Decentralized Internet

NKN is the new kind of P2P network connectivity protocol & ecosystem powered by a novel public blockchain. We use economic incentives to motivate Internet users to share network connection and utilize unused bandwidth. NKN's open, efficient, and robust networking infrastructure enables application developers to build the decentralized Internet so everyone can enjoy secure, low cost, and universally accessible connectivity.

Advantages:

- **Millions of nodes** : novel MOCA consensus algorithm that is horizontal scalable and supports arbitrary number of consensus nodes. Our testnet had 5,878 consensus nodes which is only behind Bitcoin and Ethereum.
- **Aggregated high speed** : nodes and clients can utilize aggregated speed of several routes. Adding more NKN nodes in the network can horizontally scale up throughput for the entire network.
- **Zero server** : fully peer to peer and decentralized, no need to develop and run centralized servers. Significantly reduce complexity and costs, as well as remove single point of failure and remove the central honeypot for hacking.
- **Unique and global ID** : unique NKN address enables service from anywhere in the world at any time; help people discover and search for applications and services.
- **Extra security and privacy** : end-to-end and hop-by-hop encryption without Public Key Infrastructure or 3rd party certificates.

- **Low latency** : support all applications including real-time 3D gaming, AR/VR, and IoT. Support edge computing and optimized routing. NKN's data transmission is off-chain and not limited by consensus speed.