
Quantum Futre
The next generation of web3
Decentralized aggregation platform

Quantum Futre

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Quantum Futre

01

Project overview

Build a decentralized, private, autonomous quantum public chain

➢ 1.Project Overview

1.1 Background of the project

Quantum Future is an innovative project dedicated to bringing privacy protection and cross-chain transaction solutions to the blockchain ecosystem through quantum technology. The goal of the project is to build a decentralized digital ecosystem that aims to meet the needs of users around the world in terms of digital asset management, trading, and privacy protection.

1.2 Project Objectives and Vision

Our short-term goal is to attract a large number of users through Q-Wallet and drive the growth of the platform ecosystem. The medium-term goal is to launch the Quantum Privacy Chain, which provides a technical foundation for decentralized finance, privacy protection, and cross-chain applications. The long-term vision is to become the world's leading privacy-preserving public blockchain platform, promote the application of quantum technology in the blockchain, and promote the global popularization of decentralization and privacy protection.

1.3 Core Values and Market Positioning

Quantum Future's core value is to provide privacy, cross-chain transactions, and decentralized applications to provide users with secure, convenient, and efficient blockchain services. We are positioned as a global blockchain technology enthusiast, decentralized finance (DeFi) user, and individuals and institutions with high privacy needs.

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1.4 Differences between Q-Wallet and existing blockchain (For example, team BNBChain, Ethereum)

The main difference between Q-Wallet and existing blockchains, such as BNB Chain and Ethereum, is that it integrates cross-chain functionality, privacy protection, and social functions, and is committed to providing users with seamless multi-chain asset management and decentralized identity management. Compared with traditional chains such as BNB and Ethereum, Q-Wallet is not just a wallet tool, but an integrated ecological application designed to promote the development of Web 3.0 and decentralized ecology.

1.5 Functions of Q-Wallet social wallet

As the core function of the project, Q-Wallet provides the following main functions:

Cross-chain In the tank	Support 2232 chains of cross-chain trading and asset management。
Decentralized identity management	Users can control and manage their digital identities.
privacy protection	Ensure the security and privacy of user transactions and data through quantum privacy technology.
Cross-chain In the tank	Integrate social interaction functions to facilitate asset sharing and interaction between users.

1.6 Project Innovation: Decentralization and Privacy Autonomous Public Chain

Quantum privacy chain not only innovates in technology, but also strives to build a more open, transparent and decentralized ecosystem, which provides higher security, privacy protection and cross-chain transaction functions to ensure that users' assets can flow freely between different blockchains while maintaining the highest privacy security. Q-Wallet social wallet plays an important role in this process, making blockchain applications more accessible and easy to use by providing users with a convenient cross-chain operation platform.

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Technical Architecture and Innovation

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➢ 2. Technology Architecture & Innovation

2.1 Overview of the Quantum privacy chain public chain architecture

Based on an innovative decentralized design, the Quantum privacy chain uses distributed ledger technology to ensure its efficiency, security, and cross-chain interoperability through a multi-level protocol architecture. The core architecture includes a consensus layer, a cross-chain protocol layer, a smart contract layer, and a data storage layer, etc., to ensure the fast processing and secure execution of on-chain transactions.

Consensus layer ►

Quantum privacy chain adopts a consensus mechanism based on Byzantine Fault Tolerance (BFT) algorithm, combined with a hybrid mechanism of PoS (Proof of Stake) and PoW (Proof of Work), to balance decentralization and performance.

Sense of presence ►

The cross-chain protocol enables seamless data exchange between different chains, enhancing interoperability between chains.

Identity ►

Built-in programmable smart contract support to perform automated tasks through smart contracts to improve operational efficiency and flexibility.

A sense of fairness ►

Through decentralized storage technology, the security and privacy of all transaction data and assets are guaranteed.

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2.2 Consensus mechanism and underlying protocol

With the development of blockchain technology, existing mainstream public chains such as Ethereum and Binance Smart Chain have gradually shown certain bottlenecks in terms of performance, privacy and scalability. Especially with the widespread use of decentralized applications (DApps), privacy protection and high transaction fees have become a major pain point for users. Quantum privacy chain was born out of the challenges of these problems, and is committed to providing users with more efficient, secure, and low-cost solutions. The project is supported by multiple blockchain experts and investors around the world, and has gradually grown under the incubation of CoinBase.

Its consensus mechanism is not only based on BFT, but also incorporates adaptive cross-chain technology that enables data to be synchronized and passed between multiple blockchain networks. Specifically, the Quantum privacy chain employs a "cross-chain bridging" technology that allows users to transfer assets on any chain that supports the technology without the involvement of intermediaries or decentralized exchanges. The core features of the cross-chain mechanism include:

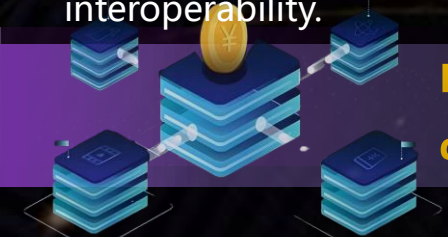
Automatic asset synchronization

When a user transfers money between different chains, the system can automatically identify and synchronize the asset status on the target chain.

There is no need to pay gas fees for the native token

Users can use any ERC20, BEP20 and other standard tokens to pay transaction fees in Q-Wallet, which greatly reduces the threshold of operation.

Through the application of these technologies, the Quantum privacy chain successfully merges the transactions of multiple chains in a cross-chain ecosystem, so as to achieve true decentralization and multi-chain interoperability.



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2.3 Payment and gas fee payment mechanism

In the Quantum privacy chain, the payment of gas fees is part of all transactions and usually requires the use of the native token on the chain. However, an important innovation of the Quantum privacy chain is through the Q-Wallet social wallet, where users can use any standard-compliant token (such as ERC20, BEP20, etc.) as a gas fee in cross-chain transactions, without being limited to the native token of each chain. This mechanism is implemented through the Universal Gas Pool, which is as follows:

Universal Gas Pool	Q-Wallet integrates an intelligent algorithm that automatically determines the gas fee required for the transaction and withdraws the corresponding amount of compliant tokens from the user's account. There is no need for users to purchase or manage the native token of each chain by themselves, which greatly reduces the operational complexity of users.
Cross-chain payment capabilities	When users make cross-chain transactions, Q-Wallet will automatically calculate and select the most suitable chain for transaction execution, optimizing transaction speed and cost. Through this mechanism, Q-Wallet realizes the seamless connection of multi-chain operations.
Fee optimization	Q-Wallet intelligently selects the lowest gas fee chain according to the user's transaction habits and the busyness of the chain, so as to reduce transaction costs.

This cross-chain payment mechanism not only optimizes the user experience, but also provides a simple and efficient solution for users who use multi-chain applications extensively.

2.4Quantum Privacy Public Chain: Future Construction Plans

Quantum Privacy Public Chain is one of the core technologies of the Quantum Future project, which aims to use the advantages of quantum computing to improve the privacy protection and security of blockchain technology. One of the biggest problems faced by existing blockchain technology is privacy leakage and data security, especially in decentralized finance (DeFi) and cross-chain transactions. By introducing quantum encryption technology, the quantum privacy public chain provides stronger privacy protection than traditional encryption technology, ensuring that all transactions made by users on the blockchain can remain private and will not be subject to the potential cracking risk of quantum computing technology.

Quantum encryption algorithms	On the basis of the encryption of the existing blockchain, the quantum encryption algorithm is integrated to prevent the risk that quantum computers may crack traditional encryption in the future.
Privacy-preserving transaction mechanism	Through privacy-preserving protocols (such as zk-SNARKs and other zero-knowledge proof technologies), transaction data is fully encrypted, so that the identities, transaction amounts, and transaction content of both parties to the transaction cannot be snooped on by the outside world.
Scalability and compatibility	Ensure that the quantum privacy public chain can be compatible and interactive with existing public chains (such as Ethereum, Binance Smart Chain, etc.), and support cross-chain asset transfer.
Custom intelligence contract	The Quantum Privacy Public Chain will support the creation of custom smart contracts, and users and developers can create specific privacy needs and operations.

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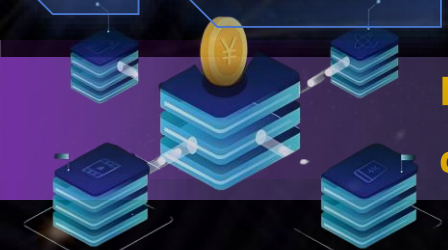
2.5Q-Wallet's cross-chain transaction and privacy protection function

Q-Wallet is not only a traditional wallet app, but also has powerful cross-chain transaction and privacy protection features. With Q-Wallet, users can easily manage and transfer assets on different blockchains while maintaining the privacy and security of transactions.

Q-Wallet's cross-chain transaction and privacy protection features include:

Q-Wallet's cross-chain transaction and privacy protection features

Cross-chain asset management	Q-Wallet supports asset management of 2,232 different chains. Users can transfer cross-chain transfers within the wallet and exchange assets between different chains. This feature leverages the cross-chain protocol of the Quantum privacy chain to ensure seamless connection and smooth execution of transactions.
Decentralized identity management	Users can create and manage decentralized identities in Q-Wallet, which are protected by quantum privacy technology to ensure that users' identity information cannot be accessed without authorization.
Privacy-preserving transactions	Q-Wallet uses quantum encryption technology to protect the data of all transactions, so users do not need to worry about their transaction details being leaked when trading. By integrating zero-knowledge proofs (zk-SNARKs) technology, users can verify the authenticity and validity of transactions while hiding the specific content of transactions to ensure privacy.
Integrated quantum technology	Q-Wallet's privacy protection function not only relies on traditional blockchain encryption algorithms, but also maintains maximum protection for data and transactions in the era of quantum computing by integrating quantum encryption technology. Through quantum key distribution and quantum encryption, Q-Wallet is able to effectively protect against potential threats posed by quantum computers.



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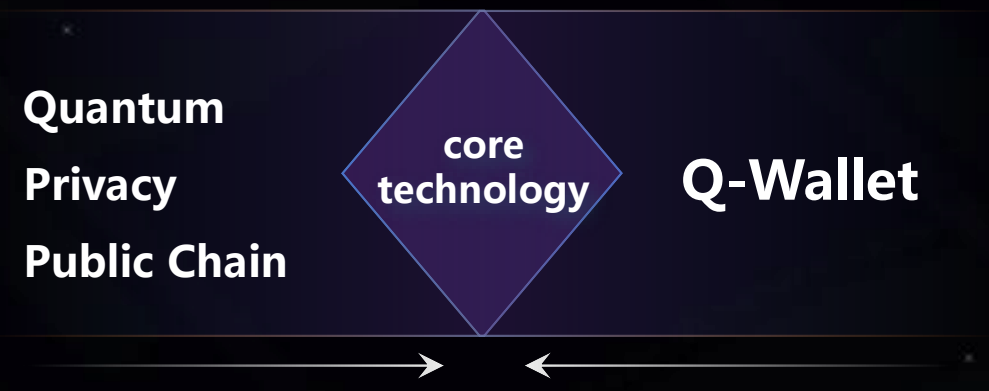
2.6 Technological innovation of decentralization and privacy autonomous public chains

The combination of Quantum Privacy Public Chain and Q-Wallet provides a new technical foundation for decentralized finance (DeFi) and other blockchain applications. Through these two core technologies, Quantum Future not only achieves seamless connection between privacy protection and cross-chain transactions, but also promotes the development of decentralized applications and services to a higher level. In the future, Quantum Future will continue to promote the advancement of quantum privacy technology and combine the decentralized autonomous organization (DAO) model to create a fully autonomous, secure, and transparent blockchain ecosystem.



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Platform Ecology and Application Scenarios

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3.1 Platform ecological construction and application scenarios

With decentralization as the core, Quantum Future has built a multi-dimensional ecosystem, covering multiple application scenarios, and focusing on user needs to promote the continuous innovation and development of the ecosystem.

DeFi is a decentralized finance application	The platform is committed to providing a complete set of decentralized finance applications, including liquidity mining, Quantum Future, decentralized exchange (DEX), etc. Users can participate in decentralized finance activities through the Quantum Future platform, not only adding value to their assets, but also participating in the governance and decision-making of the platform.
Liquidity mining	Users contribute resources to the platform by providing liquidity, and receive QF token rewards from them, participating in the construction and development of mining pools.
Borrowing platform	The platform provides decentralized lending services, and users can borrow QF tokens according to their needs, enjoying flexible borrowing conditions and lower interest rates.
DEXs, a decentralized exchange	Quantum Future will launch a decentralized exchange where users can swap tokens without intermediaries and trustlessly. Decentralized exchanges do not rely on any central authority or intermediary, and transactions are conducted directly on the blockchain, ensuring transparency and security of transactions.
Automated Market Maker AMM	Through the AMM model, the platform allows users to provide liquidity and participate in the market price discovery process, making trading more efficient and eliminating the need for traditional buying and selling matching.
NFTs vs. digital assets	Quantum Future's NFT minting and trading feature enables users to create, buy, sell, and transfer unique digital assets. The platform's NFT marketplace will provide users with a wide range of collection and trading opportunities, driving the development of digital art, entertainment, and more.
Smart contracts and dApps	Quantum Future supports smart contracts and decentralized application development, and developers can publish their own applications or services on the platform, taking advantage of decentralization to create more secure, efficient, and transparent application scenarios.

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3.2 Ecological applications and Web3 decentralized social wallets

Q-Wallet is one of the core applications in the Quantum privacy chain ecosystem, aiming to provide users with a fully integrated digital asset management platform. As a decentralized social wallet, Q-Wallet not only supports the cross-chain function of 2232 chains, but also can seamlessly connect assets on different blockchains, ensuring that users can easily manage a variety of digital currencies and assets.

The launch of Q-Wallet will greatly enhance the user experience of the Quantum privacy chain ecosystem. It not only supports decentralized identity management (DID), which enables users to control their personally identifiable data, but also provides features such as high security, multi-signature, and zero-knowledge proof to ensure that users' assets and transaction privacy are fully protected. Through Q-Wallet, users can easily conduct cross-chain transactions, participate in decentralized applications (DApps), and perform asset swaps without worrying about cross-chain compatibility and gas fees.

In addition, the social function of Q-Wallet also adds an important dimension to the ecology of the Quantum privacy chain. Users can interact with other platform users, share information, and participate in Web3-based social networks through Q-Wallet. The launch of Q-Wallet will promote the popularization of blockchain applications, making the management and transaction of digital assets simpler, safer and more efficient. Through these innovative features, Q-Wallet not only enhances the ecological interconnection of the Quantum privacy chain, but also lays the foundation for the integration of decentralized finance and social applications in the future.

3.3 Exchanges and Decentralized Finance Applications

The Quantum Future exchange and decentralized finance applications will be an important part of the platform, providing users with comprehensive financial services.

◆ Decentralized Exchange (DEX)

Quantum Future will launch a self-built decentralized exchange, where users can complete transactions directly on-chain without relying on any third-party platforms. Unlike traditional centralized exchanges, decentralized exchanges use smart contracts and blockchain technology to provide an intermediary-free trading experience and ensure transparent, fair, and secure transactions。

◆ Automated Market Maker (AMM) mechanism

The platform exchange will adopt an AMM model, where users can earn trading fees by providing liquidity, while also participating in price discovery and market volatility.

◆ Decentralized order book

The exchange supports the decentralized order book function, and users can place orders or match transactions according to market demand and their own strategies, reducing the matching delay and cost of traditional exchanges.

◆ Lending and staking platforms

Users can stake their digital assets on the platform and get real-time loans. At the same time, the platform will provide a staking function, and users can obtain interest income by staking QF tokens, further enhancing the value-added space of assets.

◆ Decentralized insurance products

In order to solve the risk problem of decentralized finance, Quantum Future will launch decentralized insurance products, where users can purchase smart contract-driven insurance products according to their needs to protect their risks in asset management, trading, etc.

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◆ Liquidity Mining & Yield Farming

The platform provides liquidity mining and yield farm products, and users can earn QF tokens and other rewards by providing liquidity and participating in mining pools. Such decentralized financial products will greatly improve the return on assets of users and encourage more users to participate in the ecological construction of the platform.

◆ Platform Governance & Voting

Decentralized governance is one of the important features of the platform. Quantum Future's token QF will be used as a governance token, and holders can participate in the platform's voting and decision-making, influencing the future development and governance structure of the platform.

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Account level and upgrade mechanism

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➢ 4. Account Levels and Upgrade Mechanisms

4.1 Account level (v1-v10)

Quantum Future has set 10 different account levels (V1-V10), and users can increase their account level by completing specific tasks, inviting new members, and participating in the platform's ecological activities. Each account level has different permissions and reward mechanisms to help users achieve greater benefits within the platform.

V1 level ► Basic level, minimum entry requirements, basic trading privileges and a small number of team rewards.

V2-V5 level ► As the account level increases, users can obtain higher direct rewards (such as direct referral rewards and indirect referral rewards) and mining machine computing power rewards, and participate in more advanced functions of the platform.

V6-V10 level ► High-level accounts will receive more privileges, such as more computing power rewards, a higher proportion of direct and indirect referral rewards, and enjoy more platform discounts and community node rewards

4.2 Upgrade Logic and Reward Distribution

Users move up their account level by constantly inviting new users, participating in platform activities, and completing tasks. With each level, users will unlock higher earnings and reward privileges.

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4.2 Upgrade Logic and Reward Distribution

Escalation conditions

Users need to complete specific conditions, such as inviting a certain number of users, reaching a certain trading volume, holding a certain amount of tokens, participating in specific mining activities, etc.

Reward distribution

As the account level increases, the user's reward distribution ratio will gradually increase, including but not limited to

Direct Push Rewards

Receive a percentage of the rewards from the subordinate members.

Indirect rewards

Receive a proportional return from the rewards of the lower members.

Mining machine computing power rewards: According to the account level, users can get additional mining machine computing power rewards to help users mine more tokens.

The rewards are distributed differently at each level, and will gradually increase as the account level increases.

4.3 Team Prizes and Mining Machine Distribution

The reward mechanism of the quantum privacy chain focuses not only on individual rewards, but also on team development and collaboration. Team awards and mining machine distribution are an important part of the platform's reward system, which aims to encourage users to build and develop teams and improve the overall activity of the platform.

Team Rewards The platform distributes rewards proportionally based on the performance of team members. Team awards account for 80% of total rewards, so the performance of team leaders and the growth of team members have a significant impact on team rewards.

Team Reward Distribution Team awards are distributed according to the contributions of subordinate members, and team leaders can get a proportion of rewards from team members, encouraging team management and collaboration.

Mining machine allocation The platform provides mining machine computing power, and users get mining machine distribution in proportion to their account level and mining machine holdings. The rewards distributed by the mining machine will be mined through the quantum mining machine, and users can be rewarded with the platform token QF.

4.4 Upgrade Gift and Computing Power Allocation Mechanism

Every time the account is upgraded, users will not only receive direct rewards, but also receive a gift of computing power, which is a key resource for NFT mining on the platform. The computing power gift mechanism will gradually increase the user's computing power according to the improvement of the account level, and help users get more income in mining.

Computing power gift: Every time a user upgrades, the system will give away a certain amount of computing power. The amount of computing power is directly proportional to the account level, and the higher the account level, the more computing power will be given.

For example, V1 users can get a certain amount of computing power for each upgrade, while V10 users can get more computing power for each upgrade, which will directly participate in the mining process of NFT mining machines.

4.4 Upgrade Gift and Computing Power Allocation Mechanism

Computing power allocation: Computing power is used for AI quantum mining, and users can obtain QF (quantum coin) platform currency rewards in mining machines through computing power. The higher the computing power, the more mining income.

4.5 Allocation strategy for the relationship between the under-canopy and the over-the-umbrella

The recommendation mechanism of quantum privacy chain adopts the relationship allocation strategy of "team", which aims to optimize the team structure and reward distribution, and encourage team members to grow together.

Under-umbrella vs. over-umbrella relationships: In Quantum Future, users form an umbrella-shaped structure based on their own referral relationships. Each user has multiple subordinate members below it, and the user itself is a parent member.

Umbrella Member: refers to another user who is directly or indirectly referred under the user.

Umbrella Member: Refers to the referrer above the user, usually the user's team leader.

Umbrella Upgrade Rewards: When umbrella members level up, umbrella members can get a certain percentage of rewards. Rewards are distributed evenly to ensure that every member of the team is fairly rewarded.

Linked relationships on the umbrella: The linking relationship between members on the umbrella and members under the umbrella affects the distribution of rewards. When a member of the umbrella achieves an achievement, the reward of the member on the umbrella will also increase.

Equal distribution mechanism: Between users at the same level, the rewards will not compete with each other, but adopt a level without burn mechanism to ensure that each member can get the reward they deserve.

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4.6 Hashrate Mining Mechanism

Hash mining is an innovative way for the Quantum Future platform to provide liquidity support. Unlike traditional staking mining, hashrate mining is based on the contribution of computing power, and participants provide computing power support to the network by providing computing resources, thereby receiving token rewards from the platform. This approach not only improves the security and efficiency of the network, but also motivates more users to participate in the platform.

The key features of hashrate mining include:

How to get involved ►

Users participate in the computing power mining process of the platform by providing computing resources. Users do not need to stake or lock up their assets, and can flexibly join and exit mining.

Mining rewards ►

Users will receive tokens (such as QF) of the platform in proportion to the amount of computing power provided, and the rewards will be dynamically adjusted according to the real-time computing power. The user's computing power contribution directly affects the number of rewards obtained.

Hashrate trading ►

The platform allows users to buy, sell and exchange hash power. Users can obtain platform tokens by selling their computing power, or obtain higher mining income by purchasing computing power.

Decentralization peculiarity ►

The hashrate mining mechanism is based on the idea of decentralization, which avoids the risk of centralization of traditional mining pools, so that more participants can participate in network security and liquidity provision fairly.

Through computing power mining, the platform not only enhances its own computing power and network security, but also provides sufficient liquidity for the platform ecosystem and promotes the healthy development of the platform ecology.

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4.7 Automated Market Maker (AMM) Mechanism

To ensure a high level of liquidity of assets within the platform, the Quantum Future platform integrates an Automated Market Maker (AMM) mechanism, which allows users to easily trade without a traditional order book. AMM automatically sets the transaction price and executes the transaction through smart contracts, which greatly improves the efficiency and liquidity of the transaction.

The core mechanisms of an automated market maker include:

Liquidity pools	The AMM mechanism relies on liquidity pools, and users add to the liquidity pool by providing tokens (such as QF, other tokens of the platform, etc.), thereby providing sufficient trading liquidity for the platform. The funds in the liquidity pool are used to support the platform's various trading pairs.
Trading Pairs & Pricing	Through AMM algorithms (such as Uniswap's constant product formula), the price of trading pairs within the platform is automatically adjusted according to changes in the funds in the liquidity pool. This means that when a user makes a trade, the price automatically changes based on the volume of the buyer and seller, keeping the platform's market balanced.
Liquidity Rewards	Liquidity providers (LPs) will be rewarded with tokens from the platform based on their share in the liquidity pool. The AMM mechanism not only rewards liquidity providers through transaction fees, but also continuously incentivizes users to participate in liquidity provision through the distribution of platform tokens.
Permissionless transactions	Through the AMM mechanism, users can enter or exit the market without any barriers, without the need to match transactions through the traditional order book. All transactions are executed through smart contracts, guaranteeing the automation and efficiency of transactions.

Characteristics of decentralization

The AMM mechanism removes intermediaries, and all transactions and liquidity provision are automatically completed through smart contracts. This decentralized nature ensures the fairness and transparency of the platform, eliminating counterparty risk.

Through the AMM mechanism, Quantum Future can provide near-real-time asset trading and price discovery, which greatly improves the trading liquidity and market depth of the platform, and helps platform users to convert assets at any time.

A liquidity ecosystem that combines hashrate mining and automated market makers

Quantum Future has created a complete liquidity ecosystem by combining hash mining and automated market maker mechanisms. This combination not only increases the liquidity of the assets within the platform, but also enhances the economic model and long-term stability of the platform.

Advantages of combining liquidity support:

Stabilize the market : The continuous computing resources provided by hashrate mining and the continuous liquidity provided by the AMM mechanism work together to ensure the stability of the platform market. When there is a surge in market volume, the liquidity pool automatically adjusts the price to avoid wild market fluctuations.

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Diversity incentives : Participants can not only be rewarded for their computing power contributions, but also participate in market transactions through liquidity pools, thus obtaining double income. This diversified incentive mechanism makes the motivation of users to participate in the platform more abundant.

Long-term ecological development : Through the combination of hashrate mining and AMM mechanism, Quantum Future has built a healthy circular economy system. The provision of computing power and liquidity complement each other to jointly promote the long-term growth of the platform and the healthy development of the ecosystem.

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NFT and Coinage System

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➢ 5. NFT and minting system

5.1 NFT Overview and Functions

NFTs (non-fungible tokens) are non-fungible digital assets on the Quantum Future platform, which guarantees the uniqueness and immutability of each NFT through blockchain technology. Each NFT represents a specific resource or equity within the platform and has the following features:

Asset representation ►

NFT can represent virtual mining machines, computing power, special props, etc. in the platform, and users can obtain corresponding rights and interests by minting NFT, such as mining machine computing power, income rights, etc.

Value-added features ►

As the platform grows and users participate, certain types of NFTs may increase in value. Users can trade their own NFTs through the secondary market to achieve wealth appreciation.

Unique benefits ►

Different levels of NFTs give holders different functions and privileges, for example, a specific level of NFT may provide higher computing power, a better yield ratio, or stronger promotional rewards.

Quantum Future's NFTs are not only digital assets, but also a way for users to interact with the platform, adding to the platform's interest and appeal.

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5.2 Minting System and Operation Procedures

The minting system is an important part of the Quantum Future ecosystem, where users can mint NFTs to obtain mining machine computing power and participate in the platform's mining. The minting process is simple and efficient, designed to enhance the user experience while promoting the long-term ecosystem of the platform.

Minting process

Users mint by paying a certain amount of BNB or platform coins.

The fee required to mint the coins is 0.5 BNB, after the user pays the fee

The system automatically generates the corresponding NFT and assigns it to the user

After each mint, users will get the corresponding mining machine computing power

The NFT is listed for sale on the platform, and users can choose to sell, hold, or reinvest it.

NFTs from the minting process will be automatically listed for sale and enter the platform's secondary market for other users to purchase.

The type of mint

Primary coinage

0.5 BNB mints a basic miner NFT, providing basic computing power.

Premium coinage

High-cost minting (e.g., 3x out minting) can mint high-level miner NFTs, providing stronger computing power and a higher percentage of income.

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5.3 Minting Proceeds and Distribution Mechanism

The minting system not only provides users with unique digital assets and computing power, but also ensures that users can benefit from it through a reasonable income distribution mechanism. The design of the income distribution mechanism is mainly reflected in the following aspects:

Minting proceeds

After each mint, users will receive the platform's mining income according to the minted NFT hashrate and the type of mining machine. The yield will be distributed according to the amount of computing power and the scarcity of NFTs.

The basic miner NFT will bring a certain percentage of daily mining income.
Premium miner NFTs offer higher mining yields and shorter return cycles.

Distribution of proceeds

After each successful mining of the user's miner NFT, the income will be distributed to the user's account proportionally.
The income obtained through minting is automatically converted into platform coins (such as QF (Quantum Coin) tokens), and users can freely choose to withdraw or continue to invest.

Reward structure

Members of direct and indirect referrals can get a certain revenue share from the minting of users they refer.
In addition, the platform will also set up a reward pool for active users and teams with high contributions, and rewards can be distributed in the form of platform tokens.

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5.4 Lock-up and Auto-Compounding Mechanism

In order to further promote the sustainable development of the platform, Quantum Future has introduced the lock-up and auto-reinvestment mechanisms, and users can choose to lock up or reinvest their earnings after minting to obtain more long-term benefits.

Lock-up mechanism

Users can choose to lock up the NFTs or earnings they have minted. The lock-up period is generally 1 year, during which NFTs and tokens cannot be withdrawn, but users can enjoy higher income distribution.

The locked tokens will be unlocked after expiration, and users can choose to continue holding, re-minting, or withdrawing.

Automatic re-investment mechanism

Through the automatic reinvestment mechanism, users can automatically invest their mining income into new miner coins, and then obtain higher computing power and income.

The income after the reinvestment will be distributed according to the new computing power, bringing gradually increasing returns. This mechanism helps users participate in the platform for a long time and promotes the stable development of the platform ecosystem.

Each reinvestment will have a reward return of platform coins or teams, which is used to increase the motivation of users to reinvest.

5.5 NFT mining machine and computing power mining

Quantum Future's AI Quantum Miner is closely integrated with the platform's hashrate mining mechanism, and by purchasing, minting, and holding NFTs, users can directly participate in the platform's mining machine mining and earn daily income

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5.5 NFT mining machine and computing power mining

Mining rigs Computing power

The computing power of the NFT miner will affect the number of rewards it can mine, and the more advanced the miner, the stronger the computing power, and the more income it will receive.
Computing power is not only a representative of digital assets, but also affects the user's team reward and increases the team's revenue share.

Computing power Mining

Users can participate in mining by holding computing power, and can regularly receive the corresponding QF tokens on the platform. The daily mining volume of each mining rig depends on the level and hashrate of the miner.
The computing power required for mining comes from ecological contributions and is obtained by participating in upgrades. The platform's mining mechanism ensures fairness and transparency, and all users can earn corresponding returns according to their investment.

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Modelling

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➢ 6. Economic model

6.1 Token name and total supply

Quantum Future's token, known as QF, will serve as the platform's native token and will be widely used in all aspects of the ecosystem. QF tokens are not only the basis for internal transactions and incentives on the platform, but also the main medium for users to participate in platform activities, minting, mining and other operations.

Token name : QF (Quantum Future)

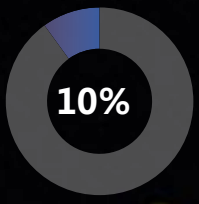
The total supply of tokens : 2.3 亿QF

The token issue price0.000100

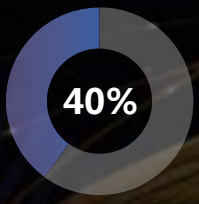
The design of the token ensures the balance between supply and demand, helping to promote the development of the platform ecosystem, while controlling the inflation rate of the token and protecting the rights and interests of investors.

6.2 Token Distribution Plan

Token Distribution Structure:



Market circulation: 10% This part of the token will be distributed to the market after the platform is launched to provide users with liquidity. This part of the token can be used for exchange, investors and community circulation.



NFT minting : 40%(Lock-up) This part of the token will be used for NFT minting and platform-related asset construction. In order to support long-term development, 40% of the tokens will be locked and distributed to the participants of the NFT minting, and this part of the tokens will be gradually released after the lock-up period.

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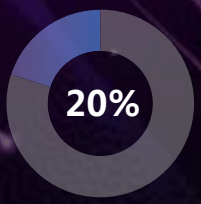
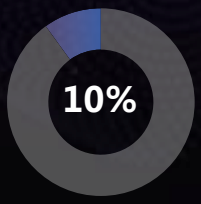
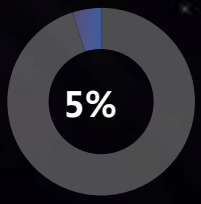
6.2 Token Distribution Plan



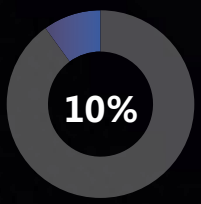
Quantum Miner: 20% 20% of the tokens will be used to support the platform's Quantum Miner ecosystem, rewarding miner holders. These tokens will be used for mining rewards to promote the development of mining machine computing power.



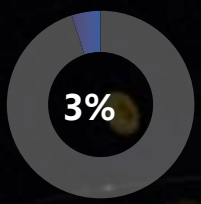
Market Cap Management:10% (Secondary market) 10% of the tokens will be used for market management and liquidity support, including maintaining market stability and token price rationality through secondary market trading activities. Lock-up secondary market value management



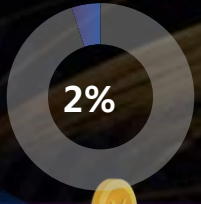
Team Operations:5% (Lock-up) The Quantum Future team, which is used for the operation and development of the team. This part of the tokens will be released after the lock-up period to ensure the long-term commitment and stability of the team.



Ecological development : 10% (Three-year cliff) 10% of the tokens will be used for financial support for ecological development to help the platform carry out technology updates, market promotion, partner expansion, etc., and this part of the tokens will be locked for three years and gradually released as the platform grows.



Cell nodes : 3% (Lock-up) 3% of the tokens will be distributed to the community nodes as rewards to the community members who actively contribute. These tokens will be locked for a certain period of time to maintain the long-term stable development of the platform.



Technical Maintenance 2% (Lock-up) 2% of the tokens will be allocated to the technical team for technical development and maintenance.

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6.3 Token Use and Circulation Mechanism

The circulation mechanism of QF tokens is an important part of the economic model of the platform, and a reasonable token use and circulation mechanism can not only motivate users to participate, but also promote the normal operation of various functions within the platform.

Payments & Transactions	QF tokens will be used as a medium of exchange within the platform, and users can use QF to make payments within the platform, purchase NFTs, mint fees, mining machine hashrate purchases, and other operations.
Mining reward	By holding NFT mining machines, users can participate in the platform's hashrate mining and receive QF token rewards according to the hashrate of the mining machine.
Mining reward	By holding NFT mining machines, users can participate in the platform's hashrate mining and receive QF token rewards according to the hashrate of the mining machine.
NFT Coins	Users need to pay a certain amount of team or QF when minting NFTs, and the minted NFTs give users mining machine computing power and can obtain mining rewards. Lock-up and income distribution: In order to encourage long-term holding, some tokens (such as for NFT minting, team operation, etc.) will adopt a lock-up mechanism, and the tokens during the lock-up period cannot be transferred or traded until the specified unlocking period is in circulation. The tokens locked by users will participate in the platform's revenue distribution and receive proportional rewards.
market circulate	The QF tokens circulating in the market can be traded by users, purchase resources within the platform, participate in the buying and selling of the secondary market, and enhance the liquidity of the platform.

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6.4 节点招募

招募细则：解锁专属权益，赢取高额回报

成为Quantumprivacychain节点，不仅是参与者，更是生态共建者！根据贡献等级，享受不同级别的算力、平台币、NFT分红等丰厚权益：

Community node	1000 USDT: V8 level rights + 8 level computing power 3000 USDT: V9 level rights + level 9 computing power 5000 USDT:V10 level rights + level 10 computing power
super node	**(Limited to 36 students in Chugoku)** **10,000 USDT: V10-level rights + 10-level computing power + 50,000 platform coins (lock-up) + community promotion node authority + 2% NFT dividends**
Genesis node	**(Limited to 5 people in Hwa)** **50,000 USDT: V10 account + 10 computing power + 100,000 platform coins (locked) + 5% NFT dividends**
Computing power value	Directly participate in mining, produce platform tokens every day, and the higher the level, the higher the income!
extra welfare	Members enjoy priority participation in the internal beta of ecological applications, global summit quotas, and exclusive community resource support !

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Quantum Futre

Why choose Quantum Privacy Chain?

Leading technology: quantum encryption + cross-chain protocol, combined with AI intelligent risk control system to monitor on-chain anomalies in real time, achieving both security and efficiency;

Diversified ecosystem: Covering DeFi, NFT, and social wallets, and integrating the Web3 decentralized AI model trading market, developers can deploy dapps to create an open ecosystem;

Transparent returns: On-chain data can be checked, AI automated audit tools ensure fair distribution of rights and interests, and refuse black-box operations;

Global layout: Cooperate with top institutions such as CoinBase and KLKTech to explore the innovation of financial infrastructure of AI + Web3;

Future potential: An AI-driven on-chain oracle network is planned, providing high-precision real-time data support for ecological applications

Quantumprivacy chain, building the future of decentralized finance together!
Every investment you make will become the cornerstone of ecological growth;
Every one of your rights and interests will continue to increase in value with the growth of the platform!

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07

Team and Partners

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➢ 7. Team & Partners

7.1 Introduction to the Core Team

The technical development team of Chameleon public chain

Alonso (CEO)

He was responsible for the development of Kraken's enterprise-grade privacy-preserving computing products, which balances data sharing and privacy protection

A veteran technology leader focusing on privacy protection and data security, committed to promoting decentralized technology and zero-knowledge proofs (ZKP), privacy technology, blockchain security, and data protection

BergC (CTO)

He has worked as a technical engineer for blockchain architecture design, smart contract development, and consensus algorithm for mainstream companies such as Binance and HTX

Privacy protection mechanism, research and implementation of cross-chain bridge and rollup technology (such as ZK-Rollup, Optimistic Rollup) to improve the scalability of the blockchain

Felix (COO)

He has formulated platform operation strategies for mainstream exchanges such as Bybit, Okx, and Upbit, increased trading volume and user activity, and optimized the DeFi and NFT trading experience of the platform

Formulate market growth strategies, promote global promotion, achieve brand breakthrough communication, establish industry cooperation, and promote the implementation of blockchain projects and ecological construction

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➢ 7. Team & Partners

7.1 Introduction to the Core Team

The technical development team of Chameleon public chain

Michael Lee (PM)

He was responsible for blockchain privacy technology research and development at Coinbase

Focus on decentralized finance (DeFi) and privacy protection mechanisms to promote the development of the QuantumFuture ecosystem

James Carter (CPDA)

He is a core member of KLK technology and leads the development of multiple public chain projects

Smart contracts, Layer 1 & Layer 2 network expansion, PRC20 ecosystem optimization

DanielKim (CSO)

Engaged in blockchain security and privacy computing research at Fireblocks

Ensure the security of the QuantumPrivacyChain and Q-Wallet ecosystems, and build a high-security public chain and privacy protection system

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➢ 7. Team & Partners

7.1 Introduction to the Core Team

The technical development team of Chameleon public chain

Sophia
(CIO)

Former Head of Asia-Pacific Market Operations at Binance

Community growth, market promotion, and strategic cooperation to promote the ecological layout of Q-Wallet

Quantum Future's core team brings together elites in the fields of blockchain technology, financial markets, network security, and ecological operations, and is committed to building the world's leading Web3 privacy financial ecosystem.

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7.2 Partners and Supporters

Quantum Future relies on the world's top blockchain R&D team and has established strategic partnerships with a number of industry-leading technology companies, financial institutions and decentralized projects.

skill technique branch hold	KLK Technical team	Provide Quantum Futre underlying architecture and smart contract development support.
	Coinbase Ventures	Support the construction of the Quantum Future ecosystem, provide liquidity support and technical advisors.
	CertiK & SlowMist	Responsible for the security audit and vulnerability protection of the Quantum Futre and Q-Wallet ecosystems to ensure the security of smart contracts and privacy protection mechanisms.
	Fireblocks	Provide secure storage and transaction security solutions for digital assets, and optimize the asset protection capabilities of the quantum privacy public chain.
combine make companion accompany	Binance Web3 ecology	ecology : Quantum Future plans to access Binance Web3 DApp ecosystem and expand Quantum Future compatibility.
	Polygon & BNB Chain	Promote cross-chain asset interoperability and enhance the scalability of the Quantum Future ecosystem.
	Decentralized exchanges (DEX)	Future and Uniswap, PancakeSwap and other DEXs cooperate to expand the trading scene of Quantum Futre ecosystem.
	Global Community & KOL Resources	By cooperating with crypto communities and KOLs, we will accelerate Quantum Future's global layout and promote the growth of Q-Wallet users.

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7.3 Project management and development history

Since its inception, the Quantum Future project has gone through several important phases and made significant progress:

January 2023 : The project was officially launched, the core team was formed, and the technical architecture design and market research began.

June 2023 : Initial technology R&D was completed, Quantum Future's test network was successfully built, and internal testing and optimization began.

September 2023 : Reached a strategic cooperation agreement with Coinbase and received the support of the trading platform, laying the foundation for subsequent token issuance and trading.

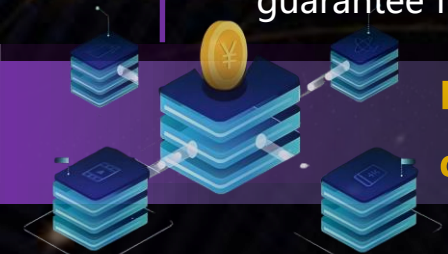
December 2023 : Completed the mainnet deployment of Quantum Future, officially launched its operation, and began to provide services to users.

March 2024 : Reached a technical cooperation agreement with KLK Technology to further enhance the technical strength and product competitiveness of the platform.

June 2024 : It has established strategic partnerships with many well-known institutions such as Hyperchain Technology, Photonic Box and Zurich Instruments to expand the platform's ecosystem and enhance its market influence.

September 2024 : The Quantum Futre Global Developers Conference was successfully held, attracting the participation of many developers and industry experts, further enhancing the visibility and influence of the project.

December 2024 : Completed the first round of financing of Quantum Future, supported by a number of well-known investment institutions, and provided sufficient financial guarantee for the subsequent development of the project.



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08

Future planning and vision

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8. Future Planning and Vision

8.1 Short-term and long-term development goals

Short-term targets (2024 - 2025)

The mainnet is running stably : Complete the full deployment of the Quantum Future mainnet in 2024 and ensure the stable operation of the network to provide users with efficient trading and mining services.

Community development and user growth : Through cooperation with major platforms and institutions to attract more users to participate in the platform ecosystem, it is expected that by 2025, the number of community users of Quantum Future will exceed 2 million.

The core functions are online : By the end of 2024, Quantum Future's decentralized social wallet will be launched, supporting NFT trading and mining machine mining functions, optimizing the user experience and promoting the development of the platform ecosystem.

Continued market expansion : Through the collaboration of partners, we will promote the launch of Quantum Future on major exchanges around the world and increase the market exposure of the platform.

Long-term goals (2025 and beyond)

Global decentralized ecosystem construction : After 2025, Quantum Future plans to gradually improve the decentralized ecosystem, covering a variety of application scenarios such as finance, NFT, social networking, and payment, and promote it to the global market。

Technological innovation combined with quantum computing : With the continuous development of quantum computing, Quantum Future plans to integrate quantum computing technology into blockchain technology in the next 5 years to achieve more efficient and secure encryption algorithms and data processing.

Global strategy and market leadership : By 2030, Quantum Future aims to become the world's leading decentralized blockchain platform, breaking the limitations of existing blockchain platforms and becoming a benchmark in the industry.

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8.2 Technology Upgrades and Function Expansions

Short-term technological upgrades (2024 - 2025))

Performance optimizations and smart contract upgrades : It is expected that by the end of 2024, Quantum Future will complete a comprehensive upgrade of smart contract functions to improve the scalability of the platform and the execution efficiency of smart contracts.

Cross-chain technical support : Within 2025, Quantum Future will introduce cross-chain technology to support interoperability with other mainstream blockchains and enhance the operability and liquidity of the platform.

Decentralized storage solutions : Quantum Future will develop and implement decentralized storage technology to ensure the security and transparency of platform data, and is expected to complete the implementation of the technology in 2025.

Long-term technology expansion (2025 and beyond)

Quantum computing combined with blockchain : With the development of quantum computing technology, Quantum Future plans to introduce quantum computing algorithms after 2030 to make the platform's blockchain protocol more efficient and more privacy-preserving.

AI and big data applications : In the next 5 years, Quantum Future will introduce artificial intelligence (AI) and big data analytics to provide more intelligent application solutions for the platform and improve the user experience.

Further enhance decentralization : By continuously optimizing the decentralization mechanism, Quantum Future plans to achieve full decentralized finance (DeFi), decentralized autonomous organizations (DAOs), and decentralized governance (DeGovernance) in the future.

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8.3 Ecological Construction and Global Layout

Short-term ecological construction (2024-2025)

Ecological cooperation and partnerships : In 2024, Quantum Future will continue to strengthen strategic cooperation with partners such as Coinbase and klk technology to jointly promote the ecological construction of the project. At the same time, it will also cooperate with major blockchain communities, developer teams, and enterprises to enhance the activity of the ecosystem.

NFT market development : At the end of 2024, Quantum Future plans to launch an exclusive NFT marketplace to attract more creators and users to participate. The platform will regularly launch new NFT projects and auction activities to further enrich the platform ecosystem.

Global node deployment : By 2025, Quantum Future plans to deploy at least 50 nodes globally and build a global decentralized infrastructure to ensure the efficient operation of the platform.

Long-term ecosystem (2025 and beyond)

Global market layout : By 2026, Quantum Future plans to expand its business in major markets around the world (such as North America, Europe, Asia, etc.) and promote the application of the platform in major markets. The platform will achieve the full popularization of blockchain applications through cooperation with local enterprises, governments and institutions.

Cross-industry application development : Quantum Future will enter more industries in the next five years, such as finance, healthcare, gaming, Internet of Things, etc., to promote the cross-industry application of blockchain technology and promote the construction of a global decentralized ecosystem.

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Decentralized Finance (DeFi) and Governance : By 2028, Quantum Future will enable a complete decentralized finance (DeFi) ecosystem, while advancing a decentralized governance model that allows community members to participate in the decision-making and development of the platform.

Global community building and incentive mechanisms : After 2028, Quantum Future plans to attract more developers, investors, and users to participate in the governance and ecological construction of the platform through a global community incentive mechanism.

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Quantum Futre

Disclaimers

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disclaimer

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