

# **Binance Coin (BNB) on AtlantisChain Whitepaper**

Version 1.0



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# 1. Introduction

Originally launched by Binance Exchange in China in 2017, Binance Coin (BNB) has evolved from a trading fee discount token into one of the world's most valuable digital assets — especially after becoming the native gas token of Binance Smart Chain (BSC), developed and released by Binance in 2020.

As of May 2025, BNB powers multiple ecosystems — including Binance Smart Chain (BSC), centralized exchange operations, and a wide range of BSC-based applications.

BNB is also available on other blockchains, including Binance Chain (*BEP-2 standard*), and as an ERC-20 token on the Ethereum network. Here's a breakdown:

- BNB Smart Chain (*formerly Binance Smart Chain*): BNB is the native token of this blockchain.
- Binance Chain (*BEP-2*): BNB was originally issued on Binance Chain using the BEP-2 standard. It was primarily used for fast token transfers and trading within the Binance ecosystem, but lacks compatibility with smart contracts.
- Ethereum (*via ERC-20*): BNB can be found as an ERC-20 token on the Ethereum blockchain.
- Other Non-Binance Chains: While not the primary use case, BNB may also be found as a token on other blockchains like Cosmos, Polygon zkEVM, and others, often in decentralized exchanges or as trading pairs.

However, despite BNB's broad recognition as a utility token, ongoing legal scrutiny — *including active U.S. government oversight of Binance Exchange* — has raised serious concerns about user privacy and the long-term stability of the asset.

BNB also remains largely confined within Binance's tightly controlled ecosystem, leading to centralization risks and limited operational transparency.

In addition, Binance Smart Chain (BSC) faces key limitations, including — *but not limited to* — slower performance, inconsistent network reliability, rising gas fees, and a validator model that continues to raise concerns about decentralization and operational integrity.

Notably, BEP-20 token transfers on BSC can be intentionally halted by Binance management upon receiving a request from third parties — further underscoring its centralized control structure.

To unlock the full scalability, usability, and security potential of BNB for global users, AtlantisChain introduces ATC-20 BNB — a 1:1 pegged token to the original BEP-20 BNB, deployed on the world's fastest and most lawfully structured layer-zero blockchain.

ATC-20 BNB is designed as a **complementary expansion layer for BNB** — extending its global utility beyond the limitations of the Binance Smart Chain, without compromising its original purpose or value.

Through the ATC-20 BNB standard, BNB holders can now utilize BNB in a fully open, verifiable, and globally scalable environment — with fixed yet significantly lower fees, instant finality, and full compatibility across DeFi, NFT, token launchpad, and AI applications.

With expanding cross-industry use cases and the foundation of lawful infrastructure, the AtlantisChain founding team projects that the \$20,000 valuation target for BNB by 2050 is increasingly attainable — with ATC-20 BNB playing a vital role in driving long-term adoption worldwide, beyond its current majority user base in Mainland China and surrounding regions.

## 2. Strategic Importance for the AtlantisChain Ecosystem

The primary purpose of bringing BNB to AtlantisChain is to allow its holders to trade BNB with full protection from hacks and rug pulls — while benefiting from ultra-low costs and instant, secure execution.

By bringing Binance Coin onto AtlantisChain through the ATC-20 BNB standard, the key limitations of the original BSC network are resolved — unlocking a much faster, more cost-effective, and globally scalable future for BNB users.

- **Performance Revolution**

Increases BNB's effective throughput from the BSC network's ~300 TPS to AtlantisChain's 2,100,000+ TPS — a transformative 7,000x increase in speed, at a fixed near-zero cost.

- **Universal DeFi Access**

Enables ATC-20 BNB to participate in AtlantisChain-native decentralized exchanges, liquidity pools, lending protocols, and token utilities — expanding BNB's role across Web3 finance without limitations.

- **Cross-Platform Utility**

Based on the world's only ultra-super-fast AtlantisChain, ATC-20 BNB unlocks much better functionality beyond BSC — enabling BNB holders to trade on ultra-fast NFT platforms, AI-contract launchpads, and decentralized exchanges (DEXes) at the world's lowest trading costs, with instant finality, deterministic execution, and full protection against rug pulls at all times.

In addition, higher-yield staking becomes accessible to all BNB holders.

- **Institutional and Enterprise-Grade Use**

Reframes BNB as a compliant, infrastructure-ready asset suitable for enterprise, fintech, and sovereign applications, backed by legal-grade blockchain architecture.

- **Security and Compliance Assurance**

AtlantisChain enforces strict protections against hacks, rug pulls, and bridge-based exploits — offering a fully law-bound and transparent foundation for ATC-20 BNB in real-world applications.

With ATC-20 BNB, AtlantisChain transforms a currently constrained and underutilized asset into a secure, scalable, and globally usable digital currency — ready for sustainable real-world adoption.

### 3. Token Details

Field	Specification
Token Name:	Binance Coin
Token Symbol:	BNB
Standard:	ATC-20
Decimals:	8
Maximum Total Supply:	10,000,000 BNB
Native Network:	AtlantisChain

### 4. Supply Model

- **Maximum Supply:** 10,000,000 ATC-20 BNB (*pre-minted*)
  - ✓ *The total token supply is fixed.*
  - ✓ *No additional minting will ever occur.*
- **100-Year Strategy:** Designed to support the commercial use of BNB across the AtlantisChain ecosystem for the next 100 years.
- **Circulating Supply:** ATC-20 BNB's circulating supply is solely based on BEP-20 BNB deposited or staked into verified reserve wallets.
- **No Burning:** To ensure long-term stability and DEX liquidity, burning will not be allowed on AtlantisChain.

## 5. Circulating Supply & Reserve Logic

ATC-20 BNB is backed 1:1 by BNB (BEP-20) held in officially designated reserve wallets on Binance Smart Chain.

Circulating Supply Formula:

- **Circulating Supply** = 10,000,000 – Locked Supply
- **Locked Supply** = ATC-20 BNB held in the 100 designated Atlantis reserve wallets

The supply of ATC-20 BNB is verifiable at: <https://ATCscan.io>

## 6. Release and Redemption Process

- **Unlock:**

When users deposit or stake BEP-20 BNB into the designated wallet, the same amount of ATC-20 BNB will be unlocked and transferred to their Atlantis Wallet.

- **Redemption:**

When the original depositor sends their ATC-20 BNB back to the reserve wallet, the same amount of original BNB will be returned to their BSC wallet.

- **No Minting or Burning:**

All ATC-20 BNB tokens are pre-minted and fully tracked on-chain.

No additional creation or destruction of supply is allowed.

- **Supplemental Collateral for Initial Commercial Use**

To ensure immediate on-chain liquidity and functional trading at launch, a limited portion of ATC-20 BNB may be released for decentralized exchange (DEX) operations during the initial rollout phase.

In such cases, if any non-BNB digital assets are temporarily included in the reserve composition to support early BNB trading, the collateralization ratio for that portion shall be no less than 1:2.5 — meaning at least \$2.50 worth of qualifying digital assets must be held for every \$1.00 of ATC-20 BNB circulated under this arrangement.

This temporary collateralization mechanism is designed to maintain market stability and uphold the integrity of the 1:1 reserve model, while facilitating a smooth ecosystem launch

and early user engagement.

## 7. BNB Staking Model

AtlantisChain enables BNB holders to stake their BEP-20 BNB from BSC and earn monthly rewards in ATC-20 BNB on AtlantisChain:

- **Stake Asset:** Binance Coin (BNB)  
*(Directly from BSC to designated reserve wallets)*
- **Reward Asset:** ATC-20 BNB on AtlantisChain
- **Target ROI:** 12% annually (1% per month)
- **Distribution:** Monthly
- **Reward Source:** Pre-allocated pool from the total 10 million ATC-20 BNB supply
- **Reward Use:**  
Rewards are usable across AtlantisChain applications (*e.g., trading, DeFi, payments*).  
  
In addition to DEX trading and direct spending within the Atlantis ecosystem, holders may also trade ATC-20 BNB on listed CEXes and withdraw BNB to their BSC wallets (BEP-20) through the exchange's withdrawal process.

### Redemption Policy:

- Direct redemption from reserve wallets is strictly limited to the original depositor's amount and their original BEP-20 BNB wallet.
- Only the BNB originally staked or deposited into reserve wallets is eligible for redemption back to BSC.
- BNB rewards in ATC-20 tokens are fully usable for trading, payments, and DeFi within the AtlantisChain ecosystem. They may also be traded on listed CEXes and withdrawn as BEP-20 BNB through the exchange's withdrawal process.

This model ensures staking growth and cross-platform usability without compromising the 1:1 BNB reserve system.



## 8. Lawful Uses of Staked BNB

To maximize value creation for all investors and holders — *and to avoid waste of any usable funds* — the staked BNB may be lawfully utilized for the following DeFi purposes:

- **Providing Liquidity**

Used to support the BNB/USDA trading pair within the AtlantisChain ecosystem.

- **Yield Generation**

Allocated to low-risk, transparent yield-bearing instruments under strict Foundation oversight, with full reserve protection.

- **Treasury Management**

Applied to optimize capital efficiency through on-chain reserve balancing and ecosystem liquidity allocation, with full auditability.

- **Audit-Verified Financial Structures**

Participates only in fully disclosed, externally audited structures that preserve 100% reserve availability and redemption integrity.

All utilization actions will strictly maintain the 1:1 BNB reserve system and remain fully transparent and within lawful financial boundaries.

## 9. Security and Transparency

Extensive hacking incidents have demonstrated that multi-signature wallets have never been a truly secure solution for safeguarding digital assets.

To ensure maximum protection, all ATC-20 BNB reserves will be held exclusively in Atlantis Wallets, secured by the Atlantis QuantumLock system.

- **Reserve Verification:** 100 reserve wallets are published for real-time balance inspection.
- **Circulating Supply Audit:** ATCscan provides real-time calculations based on wallet activity.
- **Proof of Reserve:** BNB backing is held in transparent on-chain addresses.

## 10. Bridge Policy Statement

In light of repeated bridge exploits across all other chains — *resulting in billions of dollars in*

*losses (e.g., Ronin, Wormhole, Horizon, Multichain)* — AtlantisChain enforces a total ban on all bridge-based fund transfers between AtlantisChain and other blockchains.

To ensure maximum security and protect user assets, AtlantisChain strictly prohibits the use of any third-party, trust-based, or cross-chain bridges for digital assets.

All BNB on AtlantisChain must originate from direct, verifiable deposits into the official reserve system. No wrapped assets or external bridging protocols are supported.

This policy reflects a deliberate security-first design, eliminating the single most exploited attack vector in blockchain ecosystems.

## 11. Use Cases

- **DEX Trading:** Trade BNB/USDA and other pairs with ultra-low fees and instant finality.
- **DeFi Applications:** Use BNB as collateral, provide liquidity, or stake within AtlantisChain's native DeFi protocols.
- **Payments & Commerce:** Make instant cross-border and retail payments on AtlantisChain-based platforms.
- **CEX Trading & Withdrawal:** Trade ATC-20 BNB on listed centralized exchanges and withdraw BEP-20 BNB through the exchange's withdrawal process.
- **Token Launchpad Funding:** Use BNB to participate in token presales and funding rounds.
- **NFT Payments:** Use BNB to purchase NFTs or digital assets on marketplaces built within the AtlantisChain ecosystem.
- **Merchant Acceptance:** Spend ATC-20 BNB directly with merchants integrated into the AtlantisChain network (*e.g., gaming, metaverse, e-commerce*).

## 12. Advantages over Original BNB

Feature	BEP-20 BNB	ATC-20 BNB
Block Time:	~3 seconds	0.031 seconds
Finality:	3–6 seconds	0.093 seconds
Throughput:	~300 TPS	2,100,000+ TPS
Fees:	High ( <i>variable</i> )	0.0000002 ATC ( <i>fixed</i> )
Smart Contract Risk:	Moderate	Low ( <i>Quantum-verified</i> )
Security:	Validator-dependent	High ( <i>QuantumLock-protected</i> )



## 13. Governance

To comply with U.S. law, ATC-20 BNB does not include any governance rights.

All future updates related to policy, reserve management, or ecosystem integration will be managed by the Atlantis Kingdom Foundation and publicly disclosed when applicable.

## 14. Legal and Compliance

The original BNB is widely recognized as the gas fee token used to support BEP-20 token transactions on BSC — its primary utility in today's market.

While the network operates faster than Ethereum and is typically less expensive in terms of gas fees, BNB itself remains limited in use beyond the BSC system.

The issuance and reserve backing of ATC-20 BNB will fully comply with all applicable regulations and financial standards.

The Atlantis Kingdom Foundation will maintain custody oversight and ensure ongoing reserve integrity to provide transparency and protection for all responsibly managed digital assets.

## 15. Roadmap

- **Q2 2025:**  
Release of whitepaper and launch of ATC-20 BNB with initial reserve structure.
- **Q3 2025:**  
DEX integration with USDA trading pair for daily trading.
- **Q4 2025:**  
Launch of BNB staking portal with monthly ATC-20 BNB rewards and full transparency dashboard.
- **2026:**  
Expanded use cases for ATC-20 BNB in NFT settlement, merchant payments, and token launchpads.
- **2027:**  
Integration with regulated financial institutions and trading on various centralized exchanges.

## 16. Conclusion

To date, the original Binance Coin (BNB) remains one of the most widely used digital assets in the world — primarily serving as the gas fee token for BEP-20 transactions on Binance Smart Chain (BSC), launched by Binance Exchange in 2020.

However, despite its global recognition, BNB's real-world usability remains limited due to BSC's centralization, persistent security concerns, and growing legal challenges across multiple jurisdictions.

Following a multi-billion-dollar settlement with U.S. authorities, Binance Exchange and its founder pleaded guilty to federal charges, resulting in a \$4 billion resolution and a four-month prison sentence.

Under the U.S. court's criminal judgment, the Department of Justice retains the right to audit Binance Exchange and review transaction records at any time over the coming years. This level of regulatory oversight has intensified privacy concerns among BNB users — particularly those transacting through Binance's centralized platform.

By introducing ATC-20 BNB on the world's only ultra-super-fast and lawfully structured blockchain — AtlantisChain — these limitations are fully resolved through a fundamentally better infrastructure and technical framework.

**As a complementary expansion layer for BNB** — *extending its global utility beyond the limitations of the Binance Smart Chain, without compromising its original purpose or value* — ATC-20 BNB provides BNB holders with the ability to:

- Stake BNB to earn higher and consistent returns
- Avoid risks of bridge exploits, validator interference, or rug pulls
- Participate in a fully transparent and publicly verifiable reserve model
- Trade with instant finality and fixed ultra-low fees
- Use BNB across a rapidly expanding ecosystem of DeFi, NFTs, AI contracts, token launchpads, and global merchant platforms

Backed 1:1 by original BNB reserves and protected by the QuantumLock security system, ATC-20 BNB delivers the reliability of traditional finance, the cost-efficiency of instant blockchain transactions, and the unmatched speed of next-generation crypto infrastructure.

With a clear roadmap, institutional-grade architecture, real-world commercial scalability, and a regulatory-compliant framework, the AtlantisChain founding team projects that BNB will have a

more secure, lawful, and globally usable future — driven by the active adoption of ATC-20 BNB — with a realistic valuation target of \$20,000 by 2050.

## Appendix: Official Resources

Official Website: <https://AtlantisChain.org>

Official Wallet: <https://AtlantisWallet.org>

Official Explorer: <https://ATCscan.io>

Contact: [info@AtlantisFoundation.global](mailto:info@AtlantisFoundation.global)

