HobbyHash Coin

Technical Whitepaper

Tri-PoW: SHA-256d · KawPow · RandomX

Version 2.0 — Exchange & integrator edition

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Official site: https://hobbyhashcoin.com
Contact: support@hobbyhashcoin.com
Ticker: HOBC

1. Abstract

HobbyHash Coin (HOBC) is a native mineable UTXO cryptocurrency designed for home and hobby miners. After height 16800, the network runs an always-on Tri-PoW race: SHA-256d (ASIC), KawPow (GPU), and RandomX (CPU) compete for every block. The project publishes live pool stats, an explorer, desktop wallets with bundled full nodes, and a 1:1 bridge to wHOBC on BNB Smart Chain for self-custody trading.

2. Design goals

- Keep solo and small-miner paths first-class (Main/Nano SHA pools, GPU, CPU).
- Avoid idle-window dual-PoW schedules; keep all three algos racing continuously after activation.
- Publish real chain, pool, and market data — never invent balances or fake stats.
- Provide clear exchange-integration parameters: ports, genesis, supply, seeds, checksums.
- Support self-custody desktop wallets and optional custodial web wallet separately.

3. Consensus & Tri-PoW

HOBC consensus activates multi-algo racing at height 16800. Each block is won by the first valid proof-of-work that meets the network target under the active algo rules. Official stratum services expose SHA-256d on ports 5555–5557, KawPow on 5558, and RandomX on 5559. Live race hashrate is published on the Network page.

Earlier network milestones include subsidy policy changes at height 7000 and dual-PoW scaffolding at height 8000. The public Tri-PoW story for operators and exchanges is the always-on three-algo race after height 16800.

4. Mining pools

Main Pool — SHA-256d · port 5555 · Solo
`stratum+tcp://pool.hobbyhashcoin.com:5555`

Nano Pool — SHA-256d · port 5556 · Solo (small miners)
`stratum+tcp://pool.hobbyhashcoin.com:5556`

PPLNS Pool — SHA-256d · port 5557 · Shared PPLNS
`stratum+tcp://pool.hobbyhashcoin.com:5557`

GPU Pool — KawPow · port 5558 · Solo
`stratum+tcp://pool.hobbyhashcoin.com:5558`

CPU Pool — RandomX · port 5559 · Solo
`stratum+tcp://pool.hobbyhashcoin.com:5559`

Worker name format is YOUR_HOBC_ADDRESS.worker1 (or .nano1 on Nano). The address before the dot is the payout address. Solo pools pay only when that worker finds a block; PPLNS shares rewards across the window after the published pool fee.

5. Supply & emission

Total target supply	84,000,000 HOBC
Launch reserve	8,400,000 HOBC (10%) at height 1
Normal mining target	75,600,000 HOBC
Burn address	hobc1qqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqf9lpf8
Block spacing	210 s (V4 post-fork spacing)
Halving policy	Frozen at height 7000 (no further halvings post-fork)
Pre-7000 blocks	45 HOBC per block (legacy halving schedule before height 7000)
Height 7000+	Hashrate-linked tier scale from height 7000 (5 h network window; 45 HOBC fallback when window is short)
Tri-PoW	Tri-PoW always-on race from height 16800 (SHA-256d + KawPow + RandomX); live next reward remains node-GBT (currently near flat 45 HOBC)
Live next reward	45.00000369 HOBC (live node GBT at height 27602)

Launch reserve allocation and tracking are published on the Launch Reserve page. Burns are tracked when verified on-chain. Circulating and market figures on the site come from live feeds when enabled.

6. Genesis parameters

Block hash	0x00000000a746a8a7dba5237b7f9c92cb1b2690cb53ab2958ce76a506b1ea96af
Merkle root	0xbe535086a84506c2fb39f8e77a3065d5005d3a9b2ebcc9c1e3aa3162103b3f12
Timestamp UTC	2026-05-31 06:15:06 UTC
Unix timestamp	1780208106
Nonce	3854237270
Bits	1d00ffff
Version	1
Coinbase message	HobbyCash Coin 2026 - solo mining for home hashers
Bech32 HRP	hobc
Message start	c1 a0 f1 ce
P2P / RPC	18761 / 18762 (RPC private)

7. Network peers

Operators may add the following public peers (P2P 18761). Do not expose RPC.

• Public DNS / seed peer: `hobbyhashcoin.com:18761`

• Public seed peer (IPv4): `162.254.37.69:18761`

• Public seed peer (IPv4): `159.198.64.174:18761`

• Public seed peer (IPv4): `66.175.236.249:18761`

• Asia seed peer (IPv4): `154.84.154.46:18761`

8. Wallets & software

Official Windows and Linux desktop wallets include a bundled Tri-PoW full node. Linux AppImage and .deb packages are independent release channels with separate version manifests. Linux node source packages are published for AL10/standard and AL9/RHEL9. Always verify SHA256 checksums from https://hobbyhashcoin.com/downloads.

HobbyHash-Wallet-Setup.exe
SHA256: `12e33832beeb74e8837ee1df02fe46d1e24af64412c9cbf5292ff98d3c972891`

HobbyHash-Wallet-1.3.81.AppImage
SHA256: `990ac81a0f36eca33918fd11dfb55237b42f812d72c0e541bb381d7282eb2318`

hobbyhash-wallet_1.3.79_amd64.deb
SHA256: `e79781087deca1be4d9f3b985c7ef6dd47b9e1958e4a066eb79de38c3c5b3fcd`

HobbyHash-Linux-Node-x86_64.tar.gz
SHA256: `1323ab1d9c19b5f13b3f0b36a0f1531fe6271ac82de3647d9c1aedef0fba005a`

HobbyHash-Linux-Node-AL9-x86_64.tar.gz
SHA256: `980c0265ff5a82e9bbac30bce3c9dc729be4b76ad8741bff0576e6f6890edae6`

9. Bridge, wHOBC, and market

wHOBC is a BEP-20 representation of HOBC on BNB Smart Chain. Each wHOBC is intended to be backed 1:1 by HOBC locked in bridge custody. Users wrap HOBC→wHOBC and unwrap wHOBC→HOBC through the official bridge. Live price, market cap, and liquidity for the wHOBC/USDT market are shown on the Market page when public price feeds are enabled. Bridge wrap may apply hourly limits and network rules; unwrap returns native HOBC to a hobc1… address.

10. Security notes for reviewers

- Download software only from hobbyhashcoin.com and verify SHA256 sums.
- Keep mainnet RPC bound privately; never expose it to the internet.
- Pool worker payout addresses must be HOBC (hobc1…) addresses — not BTC/BCH/DGB.
- Desktop wallets are self-custody; the web wallet is custodial — disclose both models clearly.
- Smart-contract and bridge risk applies to wHOBC; verify contracts on BscScan and official pages.

11. Exchange integration checklist

- Chain: native UTXO · ticker HOBC · Bech32 HRP hobc
- P2P 18761 · RPC 18762 (private)
- Genesis and supply tables in this document and on /exchange-listing/
- Seed nodes listed above
- Preferred pairs: HOBC/BTC, HOBC/DOGE, HOBC/USDT
- Listings contact: support@hobbyhashcoin.com
- Source repository: https://github.com/HobbyHash-Coin-LLC/HobbyHash

12. Disclaimer

This whitepaper is informational. It is not financial, investment, legal, or tax advice. HobbyHash Coin LLC does not guarantee exchange listings, liquidity, price, mining profitability, bridge uptime, or uninterrupted service. Cryptocurrency use involves risk of loss. Operators and exchanges must perform independent due diligence against live chain data and published checksums.

Primary packet URL: https://hobbyhashcoin.com/exchange-listing/