Official PentaChain / Pentamine Whitepaper

1) Executive Summary

One-liner: PentaChain is an energy-efficient Layer-1 blockchain for mining, staking, and DeFi applications.

Mission: To create a fair, transparent, and decentralized infrastructure for miners, developers, and investors.

Why now: High gas fees and centralization dominate – PentaChain offers an open alternative.

Target users: Miners, DeFi builders, investors, node operators, community.

2) Network – Overview

- **Chain-ID:** 7777
- **Consensus:** Ethash (PoW)
- **Block time:** 15 seconds
- **Genesis:** 2025
- **RPC (public):** rpc.pentamine.org
- **Explorer:** explorer.pentamine.org
- **Mining pool:** pool.pentamine.org

3) Tokenomics (Native Coin: PENTA)

- **Max Supply:** 1,000,000,000 PENTA
- **Initial Block Reward:** 75 PENTA
- **Halving Interval:** 4,204,800 blocks (~2 years)
- **MinReward:** 1 PENTA
- **Burn:** 0.25% of block reward
- **Dev Fee:** 1.00% → Fee Wallet: 0x86D6De91Ffdcd07b711bFa35c7bB9085DC045112
- **Fixed TX Fee:** TBD – consensus code

Distribution

Category	Amount (PENTA)	Share
Premine (Dev1+Dev2)	60,000,000	6 %
Treasury total	219,000,000	21.9 %
• Presale Budget	50,000,000	5 %
• Staking Budget	80,000,000	8 %

Category	Amount (PENTA)	Share
• Airdrop Budget	40,000,000	4 %
• Listings Budget	30,000,000	3 %
• Future / R&D	19,000,000	1.9 %
Total	**279,000,000**	**27.9 %**

Remaining (~72.1%) is distributed through mining (block rewards + halvings).

4) Allocations & Wallets

- **Dev Wallet 1:** 0x651442eaA82125E8fedd859Ae8313Da041FeAD35
- **Dev Wallet 2:** 0xdb0d175e93Efd41281F53774D1dD36bd7c4b7c2E
- **Fee / Reserve Wallet:** 0x86D6De91Ffdcd07b711bFa35c7bB9085DC045112
- **Airdrop Model:** Weekly random distribution from reserve; eligibility from ≥25 PENTA balance.

5) Ecosystem

- **DEX:** exchange.pentamine.org
- **Explorer:** explorer.pentamine.org
- **Mining Pool:** pool.pentamine.org
- **Info Page:** pentamine.org
- **Planned Modules:** Multisig, Staking Contract, Treasury, DAO

Donations: Community donations are accepted to support infrastructure expansion (VPS, servers, storage). All donated funds will be specifically used to ensure 24/7 uptime, scalability, and long-term stability of the PentaChain network.
- **BTC Donations:** bc1qkd2a070v58wct7khez498k2dtfdmdpfnzq9j5y
- **ETH Donations:** 0x651442eaA82125E8fedd859Ae8313Da041FeAD35

Treasury & Budgets (Smart Contract):
- Presale: 50M
- Staking: 80M
- Airdrop: 40M
- Listings: 30M
- Future: 19M

6) Use Cases of PENTA

- Transaction fees (Gas)
- Mining rewards
- Staking & rewards
- Governance
- Airdrops & incentives
- Payment within the ecosystem (DEX, lending, games, hosting)

7) Roadmap

- **Phase 1 (Completed):** Chain launch, RPC, mining pool (basic), tokenomics finalized
- **Phase 2 (In Progress):** Token deploy, explorer final, multi-coin pool
- **Phase 3 (Planned):** DEX, multisig, airdrop, staking, lending, wrapped assets, DAO, game contracts, donation pool

8) Legal Disclaimer

The token **"PENTA"** is a pure utility token and serves exclusively within the PentaChain ecosystem.

- No profit claim, no dividend, no repayment.
- Not a security (WAG), not an investment (KMG), not a financial instrument (BWG).
- No custody or fiat exchange services. Users retain full control of their wallets.
- Presale = acquisition of a usage right.
- Operated as an IT company in Austria, not under FMA supervision.

This whitepaper does **not** constitute a public offering, prospectus, or financial service.

📌Note: Subject to change; buyers must check the legal framework in their own country.

9) Risk Disclaimer

- Strong price volatility possible
- Risk of total loss
- Technical and regulatory risks
- Users act at their own responsibility

10) Presale & Claim

- **Chain:** Ethereum Mainnet
- **Presale Contract Address:** 0x0e80d9b16F4079355CD8E9b8ec08A8F2C9fFe92f
- **Presale Link:** https://pentamine.org/presale.html
- **Accepted Currencies:** USDC, WBTC
- **Price per PENTA:** 0.05 USDC (or WBTC equivalent)

Claim Process:
- Buyers receive PENTA-IOU tokens on Ethereum during presale.
- After PentaChain mainnet launch, a snapshot is taken.
- IOU tokens can then be claimed 1:1 for native PENTA on PentaChain via claim contract.
- Claim portal will be available on the official website.

11) Future Outlook

Planned projects & smart contracts:
- Multisig wallet
- Airdrop contract
- Staking contract
- DEX (PentaDEX)
- Lending
- Wrapped assets
- DAO
- Game contracts
- Donation pool
- Computing power contract ("digital miner")
- In-house mining pool
- Later centralized exchange (CEX)

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11) Contact

- **Website:** pentamine.org
- **E-Mail:** info.pentachain@gmail.com
- **Social / X (Twitter):** @PentaChain_