

1. Introduction - What is HashLordz?

HashLordz is a fully on-chain mining game built for the next generation of crypto users. Players begin with three mining slots and can access three types of NFT-based miners to earn the native in-game token, \$HASH.

The game is designed for low-friction onboarding and offers a play-to-earn experience that suits both crypto newcomers and veterans. As gameplay evolves, new miner types, enhanced facilities, and deeper strategies will be introduced to expand the earning potential.

2. Why Build on Abstract?

HashLordz is developed on Abstract, a high-performance, low-cost blockchain tailored for gaming and digital experiences. Abstract offers:

- Near-instant finality
- Ultra-low transaction fees
- Seamless wallet onboarding
- Native support for game developers

These features make Abstract the ideal platform for scalable on-chain games like HashLordz.

3. \$HASH Tokenomics

Total Supply

- Fixed: 33,000,000 \$HASH
- No future minting beyond this cap

Block Reward Phases

- Pre-Liquidity Pool (Pre-LP): 0.5 \$HASH per block (to reduce early sell pressure)
- Post-Liquidity Pool (Post-LP): 2 \$HASH per block (faster ROI, scalable economy)

Halving Schedule

- Rewards halve every 6,500,000 blocks to ensure long-term scarcity.

Governance

- Changes to tokenomics or rewards must be approved through community voting.

4. Onchain Mining System

All mining operations are 100% onchain. Players earn \$HASH based on their share of total network hashpower:

$\text{Player Reward} = (\text{Player Hashpower} \div \text{Total Network Hashpower}) \times \text{Block Reward}$

A live dashboard displays mining stats and earnings once the user connects their wallet.

5. Miners

Miners are NFTs with the following attributes:

- Hashrate (daily mining power)
- Power Consumption
- Purchase Cost (paid in \$HASH)

Initial Miner Types:

- Leaf: \$25 in \$HASH -> 20 hash/day (comes free with first space)
- Steel: \$250 in \$HASH -> 200 hash/day
- Diamond: \$2,500 in \$HASH -> 2,000 hash/day

6. Facilities

Facilities power and house miners. They define:

- Number of miner slots
- Power output

- Upgrade cost (in \$HASH)

Upgrade Rules:

- 24-hour cooldown between upgrades
- Power usage must stay within facility limits

Facility Types:

- Basic Small: 3 slots, 0.01 ETH (first 250 units), then 0.015 ETH - Leaf only
- Basic Medium: 5 slots, \$250 in \$HASH - Leaf & Steel supported
- Basic Large: 7 slots, \$1,000 in \$HASH - All miner types supported

7. Miner Levels & Upgrades

Miners can be upgraded up to Level 5 to increase hashpower.

Upgrade Rules:

- Each level adds 100% of the miner's base hashpower
- Each level costs 100% of the miner's original price, paid in \$HASH

Example - Leaf Miner:

- Level 1: \$25 -> 20 hash/day
- Level 2: \$50 -> 40 hash/day
- Level 3: \$75 -> 60 hash/day
- Level 4: \$100 -> 80 hash/day
- Level 5: \$125 -> 100 hash/day

A maxed-out Leaf Miner equals 50% of a base Steel Miner, preserving tier balance.

8. Getting Started, Burn Mechanics & Referrals

Initial Access:

- 0.01 ETH grants access to the first 250 facility units (includes 1 free Leaf Miner)
- After 250 units, price increases to 0.015 ETH

Burn Mechanics:

- 75% of all \$HASH spent is permanently burned, reducing total supply

Referral System:

- 5% of all mining rewards go to the referring wallet

Marketplace Fees:

- A 20% fee (in ETH) is charged on miner trades
- Funds from fees support ongoing development and maintenance

9. LP Building & Initial Liquidity

Initial Pricing:

- First 250 miners: 0.01 ETH
- Next 500 miners: 0.015 ETH
- After that: 0.02 ETH

Liquidity Pool:

- LP will launch with 200,000 \$HASH + ~10 ETH
- LP launch activates the 2 \$HASH/block reward rate
- Strong liquidity ensures price stability and encourages long-term engagement

10. HashLordz Marketplace

A decentralized, peer-to-peer platform where players can buy/sell miners using ETH.

Marketplace Features:

- Open and liquid - sell or buy anytime
- Prices fluctuate with supply and demand
- 20% ETH-based transaction fee supports game development

11. HashLordz Launchpad

HashLordz Launchpad helps grow the Abstract ecosystem by supporting new projects.

How It Works:

- New projects form liquidity pairs (LPs) with \$HASH
- LP formation gives exposure and utility
- The community decides which projects get listed and backed

12. Smart Contracts

Smart contracts are verified and publicly accessible at:

- \$HASH Token Contract: 0x7e5f4FFc794120Cec1b1f58D5c52238E79F77250
- Miner Contract: 0x86CdB0da94EFBb70F86b12eee1cA14D4fFa36E18

This ensures full transparency and community trust.

13. Conclusion

HashLordz is a scalable, fully on-chain mining game with real rewards, a burn-based token economy, upgradeable NFTs, and community-led governance. Designed for long-term sustainability and built on Abstract's advanced infrastructure, it aims to be a foundational game in the evolving crypto ecosystem.