



Groestlcoin



Launch date	March 22, 2014	January 11, 2014	October 7, 2011	January 3, 2009
Open source	✓	✓	✓	✓
Total amount	105,000,000 GRS	84,000,000 VTC	84,000,000 LTC	21,000,000 BTC
Mining algorithms	Grøstl	Lyra2RE(v2)	Scrypt	SHA256
Block time	1 Minute	2.5 Minutes	2.5 Minutes	10 Minutes
Transaction time	1 Minute (Fastest)	2.5 Minutes	2.5 Minutes	10 Minutes (Slowest)
Subsidy halves every	Weekly (10,080 blocks)	4 years (840,000 blocks)	4 years (840,000 blocks)	4 years (210,000 blocks)
Difficulty retarget time	Every block	Every block	Every 2016 blocks	Every 2016 blocks
Blockchain size	1.5 GB	2.18 GB	8.81 GB	138.8 GB
Initial block reward	512 GRS	50 VTC	50 LTC	50 BTC
Current block reward	5 GRS	25 VTC	25 LTC	12.5 BTC
Next halving (est. date)	None (fixed 5 GRS block reward)	December 11, 2021	August 15, 2019	June 8, 2020
CPU mining	✓	Outdated	Outdated	Outdated
GPU mining	✓	✓	✓	✓
ASIC mining	✗	✗	✓	✓
Decentralized	✓	✓	✗	✗
Ledger Nano support	✗	✓	✓	✓
Trezor support	✗	✗	✓	✓
iOS wallet	✓	✗	✓	✓
Android wallet	✓	Coinomi	✓	✓
Blackberry wallet	✓	✗	✗	✓
Web wallet	✓	✗	✓	✓
Tor support (electrum)	✓	✓	✓	✓
Tor support (core)	✓	✓	✓	✓
Ubuntu PPA	✓	✗	✓	✓
Debian packages	✓	✗	✓	✓
BIP147 implementation	✓	✗	✗	✓
Electrum server count	80	4	10	105
Working testnet	✓	✓	✓	✓
SPV wallet testnet	✓	✗	✓	✓
Electrum testnet	✓	✗	✗	✓
Founder active	✓	✗	✓	✓
Anonymous devs	✓	✗	✗	✗
Transaction protection	✓	✗	✗	✗
Solo mining possible	✓	✗	✗	✓
Personal privacy	Planned (confidential transactions)	Planned (stealth addresses)	Planned (confidential transactions)	Planned (confidential transactions)
Segwit	Activated (first)	Activated	Activated	Activated
Lightning network	Ready	Alpha	Alpha	Alpha
Atomic swaps	In development	In development	In development	In development
Average transaction fee	\$0.0009 USD	\$0.0018 USD	\$0.151 USD	\$6.657 USD
Market capitalization	\$171,287,635 USD	\$420,293,375 USD	\$17,899,211,612 USD	\$282,697,264,469 USD
Price (December 24, 2017)	\$1.98 USD	\$7.16 USD	\$265.54 USD	\$13,337.80 USD