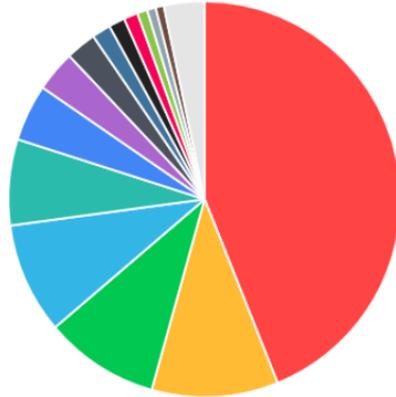


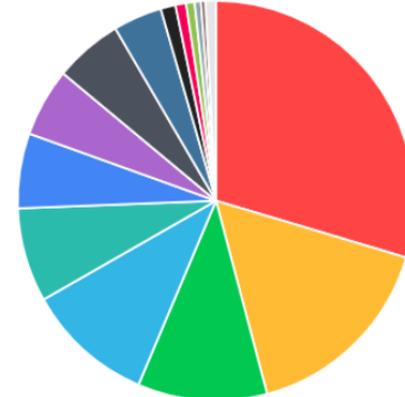
Mining pool

Since block 329391 (~ 1 month ago)



Top 15 miners, by count of blocks mined.

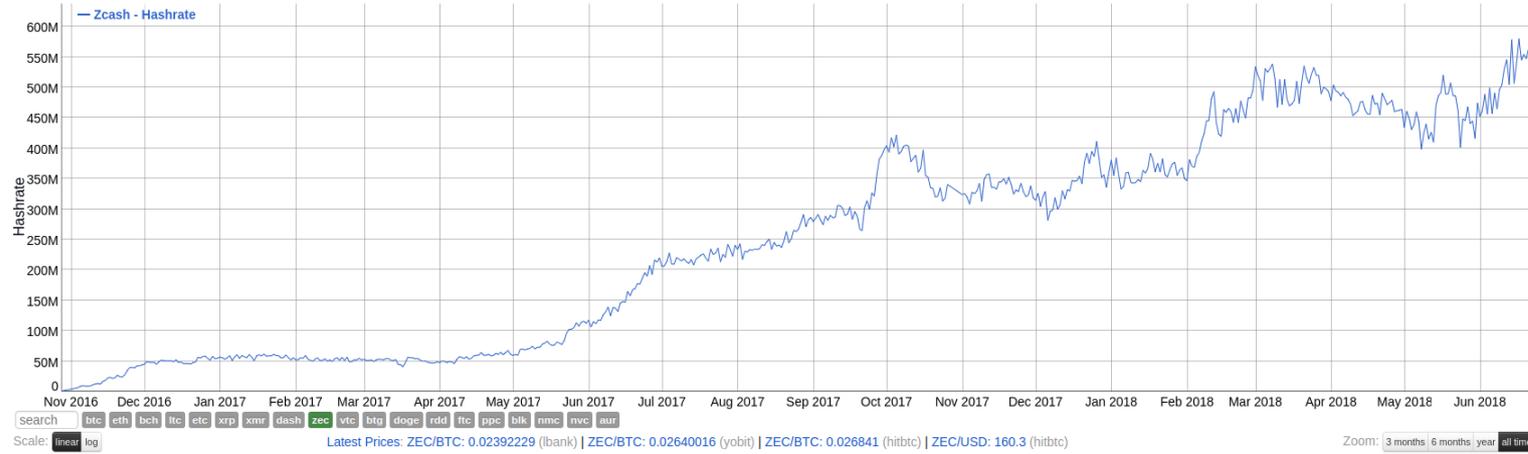
Since block 346134 (~ 24 hours ago)



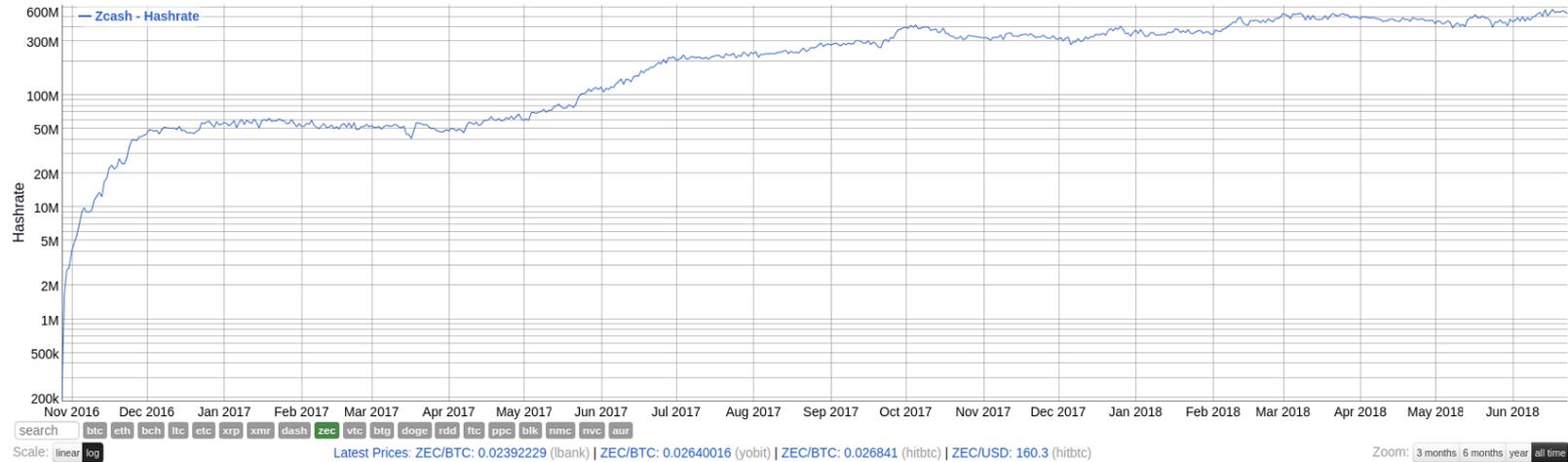
Top 15 miners, by count of blocks mined.

Zcash Hashrate

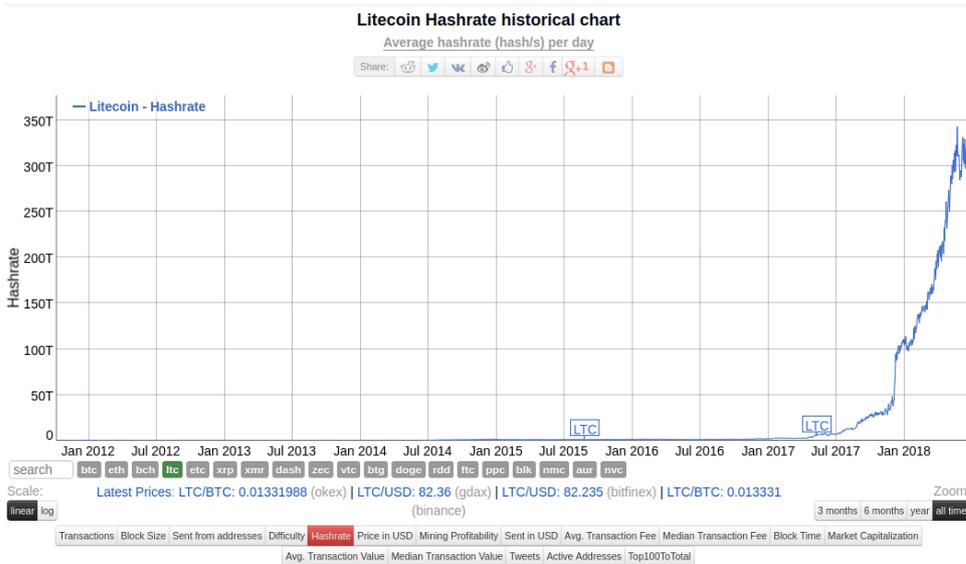
Linear



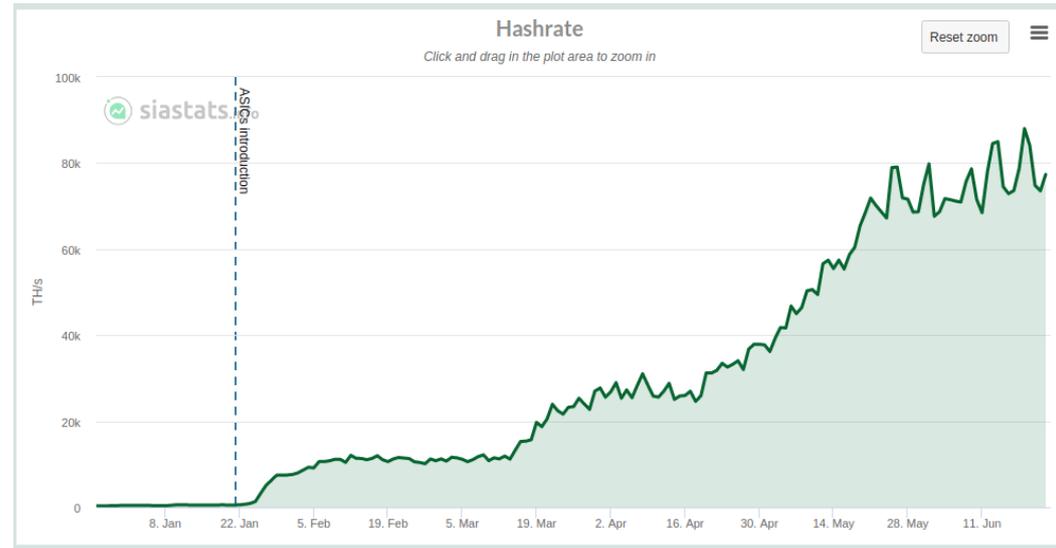
Log



Impact of ASICs on hashrate



Antminer L3+ miner announced April 2017,
Shipped in July 2017

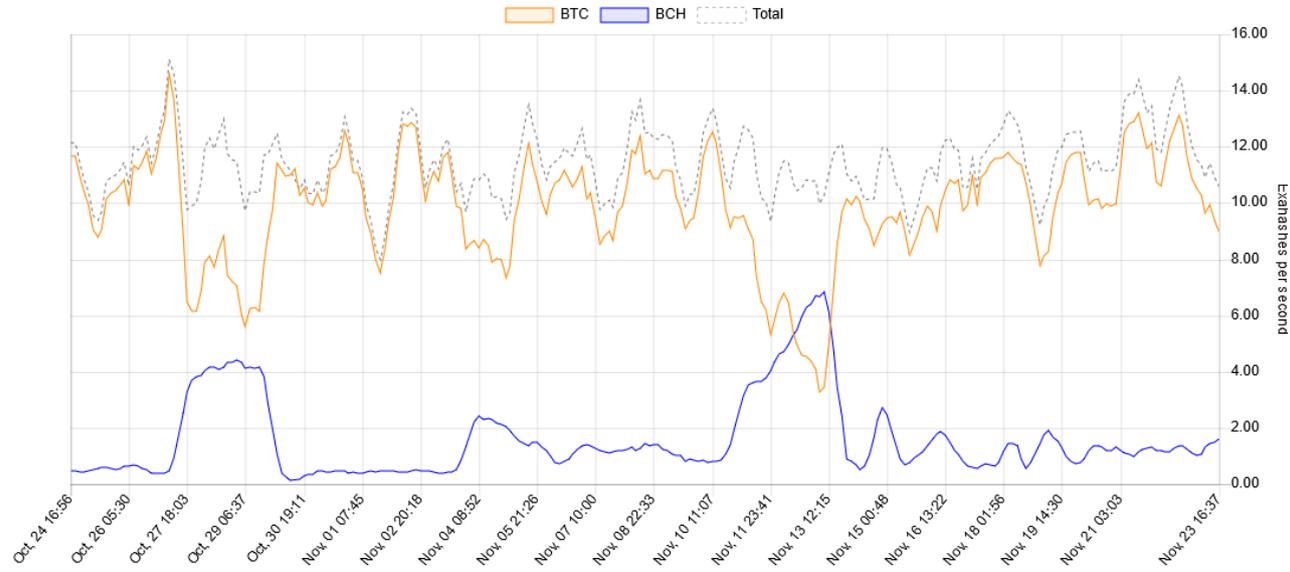


Antminer A3 shipped in January 2018,
Halong and Innosilicon in Mar/Apr 2018.

Myth of security

- BTC lost >50% sha256 hashpower
- Economics, Market outlook and Politics matter

Absolute hashrate in exahashes per second (12h averages).



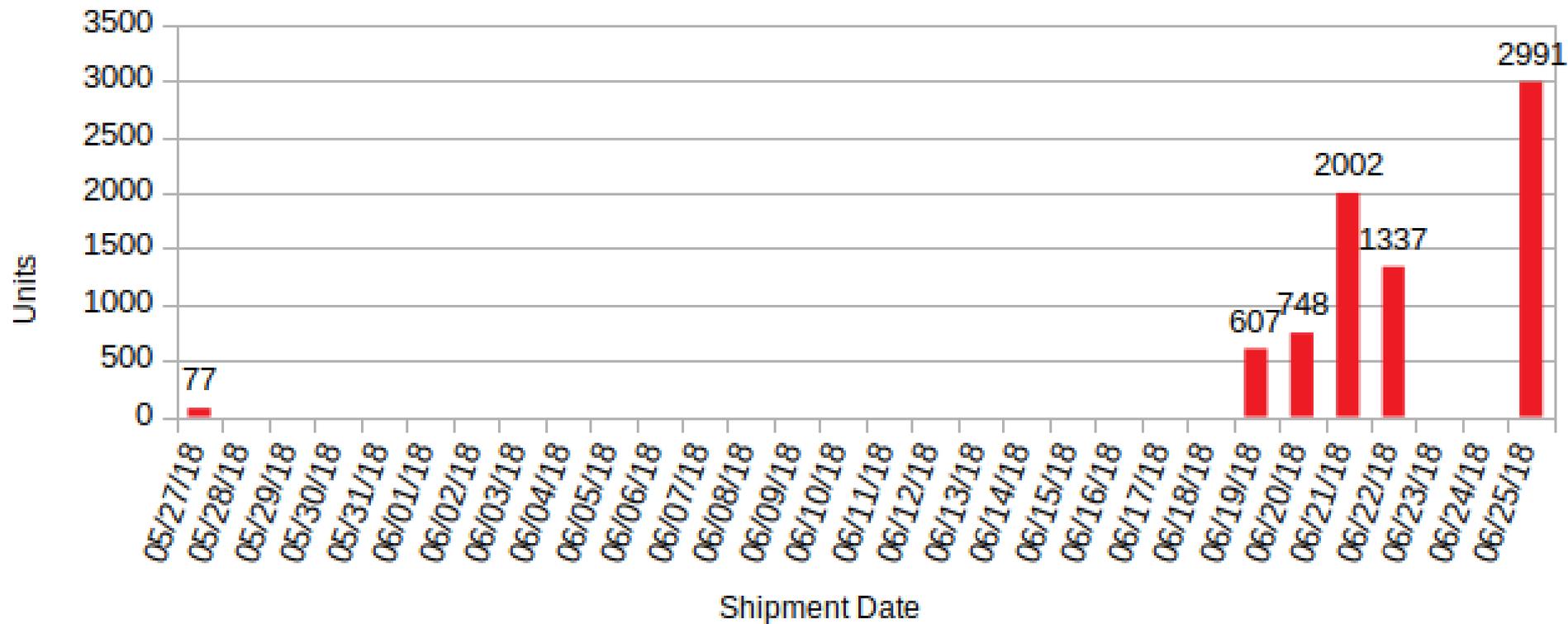
Equihash (200,9) mining hardware

Model	Hashrate (Sol/s)	Power (Watts)	Efficiency (Sol/watt)	ASIC advantage	Price (USD)	Cost \$/sol/s
Nvidia GTX 1080 ti	720	200	3.6000	1.0000	699	0.9708
Antminer Z9 mini	10000	300	33.3333	9.2593	850	0.0850
Innosilicon Zmaster	50000	620	80.6452	22.4014	9,999	0.2000
ASICMiner 40K	40000	1140	35.0877	9.7466	15,550	0.3888
Antminer Z9	40000 (TBC)	TBC	TBC	TBC	TBC	TBC

Prices as of 26 June 2018

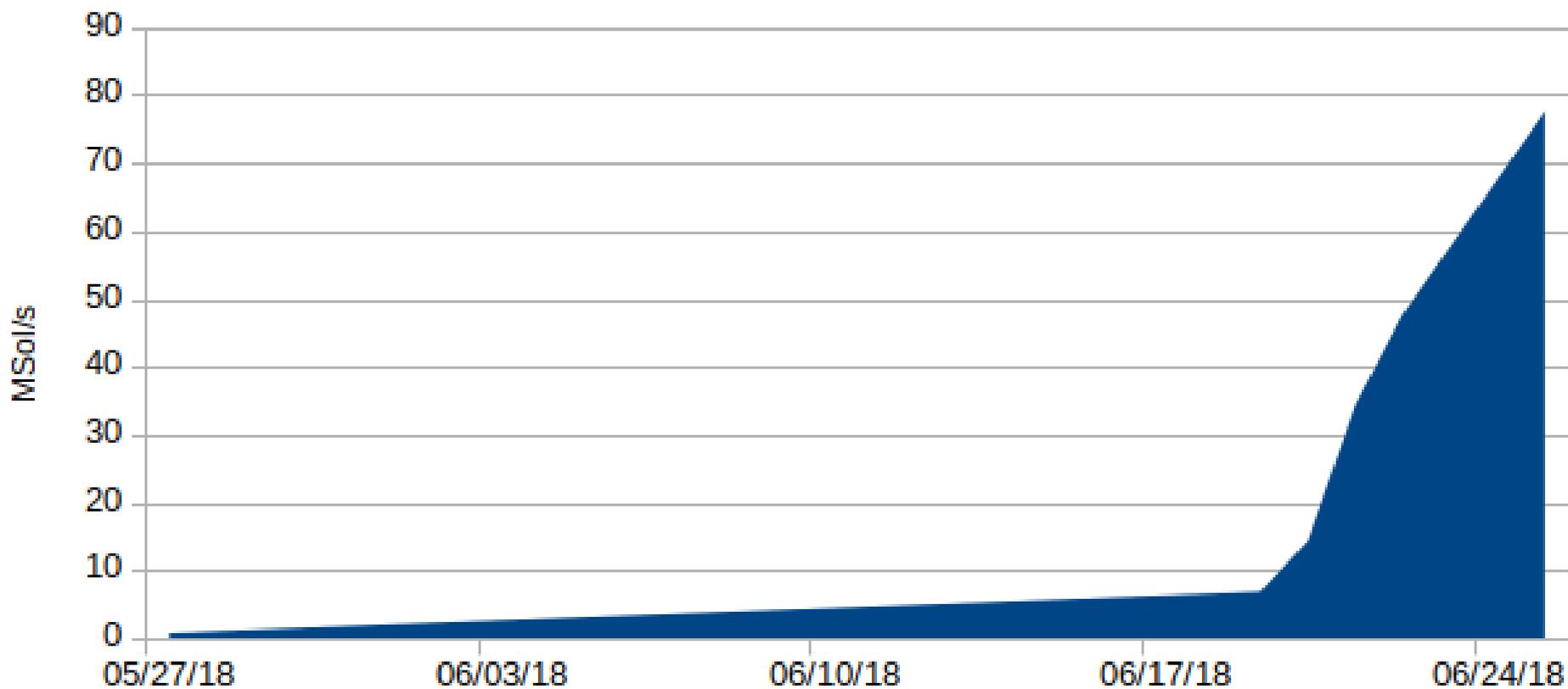
Antminer Z9 Mini

Public Shipments

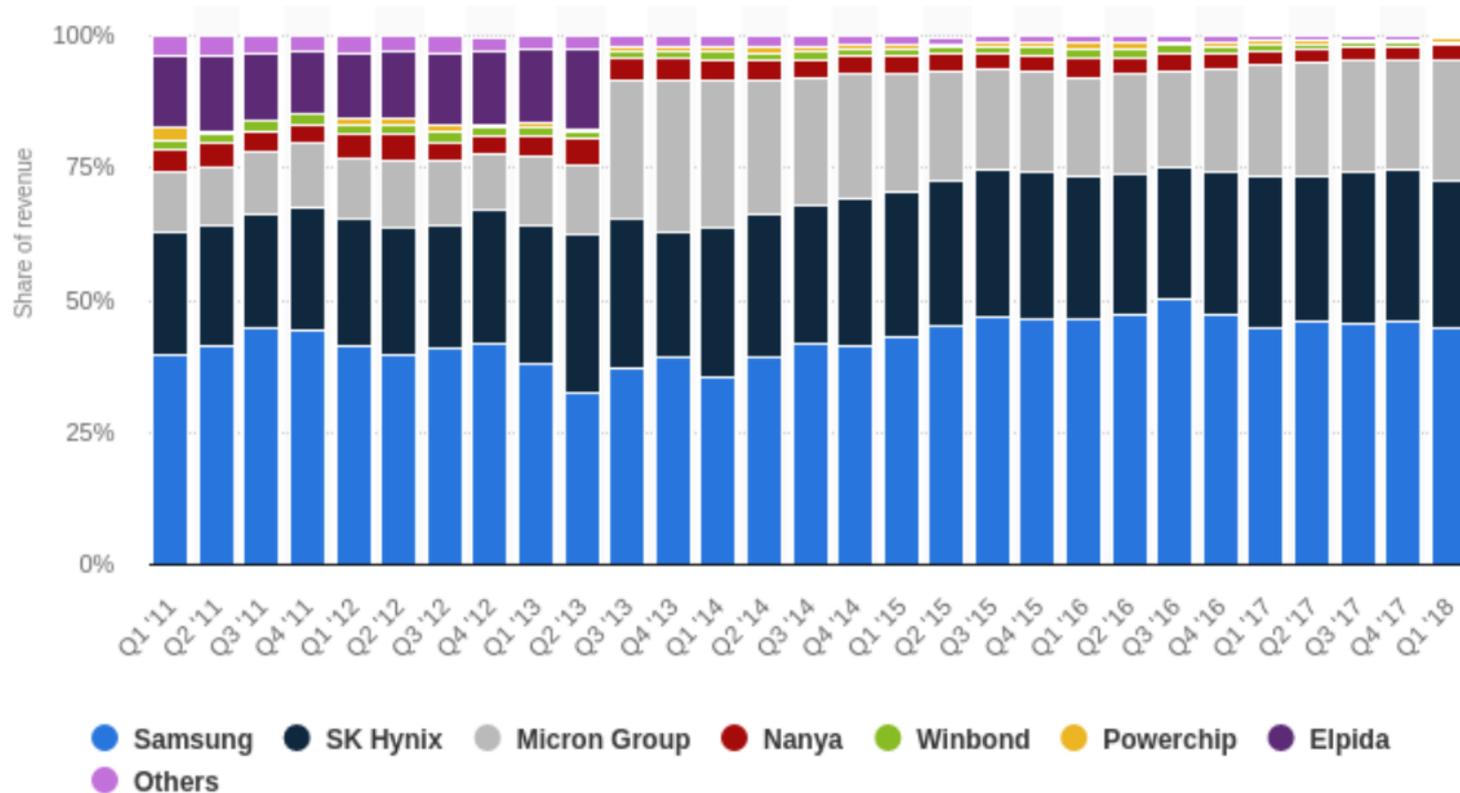


Antminer Z9 mini

Cumulative Hashpower of Public Shipments



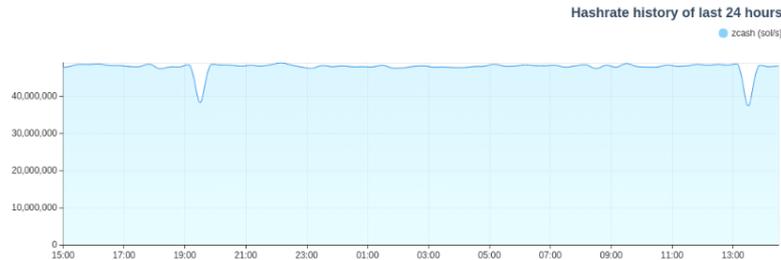
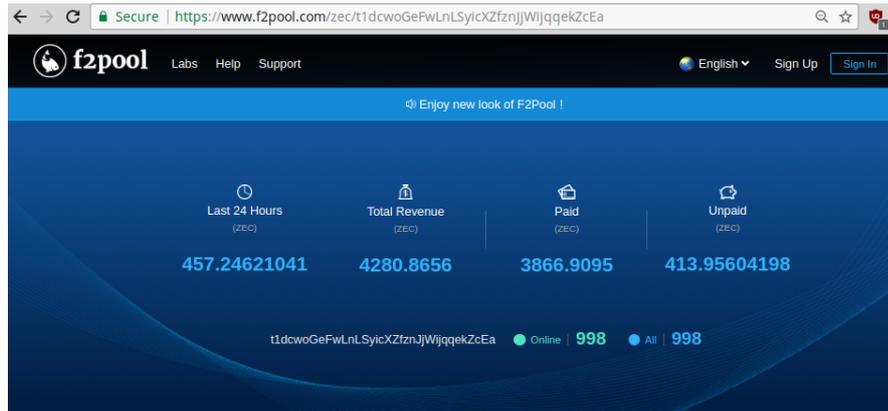
Open Standards, Commoditization & Economies of scale



Miners have a right to privacy

- Curiosity
 - Who owns the address with X coins or Y hashpower?
- Zcash Foundation
 - Formal request asking manufacturers to make voluntary disclosure
 - Sales, private mining, etc.
 - Commercially sensitive!
 - Not enforceable...
- Customer database
 - Bitmain hacked, fake 'S11' scam
- Regulatory
 - Bitcoin mining banned in Plattsburgh (New York state) over zoning and power usage
- Venezuela
 - Importing of mining equipment regulated
 - Miners must be licensed

A miner with ~10% hashpower



Hashrate		Mining Addr
15m	24h	stratum+tcp://zec.f2pool.com:3357
47893573.000 sol/s	47975584.000 sol/s	

- On 24 June, network hash rate ~550Msol/s
- A miner on F2Pool using ~1000 workers to achieve ~50Msol/s
- Each worker is achieving ~50k sol/s (the performance of the Innosilicon Zmaster)
- Payouts started 15 June

Value of daily distribution

#	Watch	Name	Price USD	24hr Change vs USD	Y2050 Marketcap (implied)	Current Marketcap	24hr Vol	Supply % Issued	New Issuance (24hr, USD)
1	☆	 Bitcoin (BTC)	\$6,222	+1.08%	\$130,560,830,428	\$106,496,445,984	\$5,517,970,000	81.57%	\$13,299,680
2	☆	 Ethereum (ETH)	\$457.23	+1.20%	\$67,201,501,338	\$45,863,669,682	\$4,208,350,000	68.25%	\$7,900,560
3	☆	 Bitcoin Cash (BCH)	\$747.80	+0.51%	\$15,691,315,473	\$12,865,034,544	\$430,437,000	81.99%	\$1,448,854
4	☆	 ZCash (ZEC)	\$175.22	+6.10%	\$3,645,615,650	\$739,354,861	\$49,616,700	20.28%	\$1,259,427
5	☆	 Litecoin (LTC)	\$81.56	+0.90%	\$6,841,526,770	\$4,660,386,511	\$428,377,000	68.12%	\$1,174,462
6	☆	 Dash (DASH)	\$240.60	+0.61%	\$4,547,298,004	\$1,961,874,221	\$128,546,000	43.14%	\$441,914
7	☆	 Monero (XMR)	\$126.02	-0.05%	\$2,833,291,744	\$2,037,407,130	\$36,032,300	71.91%	\$405,316
8	☆	 Decred (DCR)	\$73.84	+3.85%	\$1,550,731,748	\$527,672,883	\$8,008,740	34.03%	\$395,784
9	☆	 Ethereum Classic (ETC)	\$15.62	+5.58%	\$3,592,823,028	\$1,602,253,561	\$229,351,000	44.60%	\$382,761
10	☆	 Digibyte (DGB)	\$0.021	+2.17%	\$444,734,785	\$221,126,733	\$2,077,930	49.72%	\$94,702

PoW alts – Hybrid, PoS, Masternodes



Masternode coins: 353, Masternodes online: 191,586, Masternodes worth: \$1,391,724,691 / 237,275 BTC
24h volume: \$68,043,522 / 11,601.81 BTC, Marketcap: \$2,755,273,220 / 469,802 BTC
BTC price: \$5,866.04, DASH dominance: 68.18%, Trends



- ✓ MULTI-CRYPTOCURRENCY WALLET
- ✓ ECOMMERCE PAYMENT ECOSYSTEM
- ✓ CRYPTOBRIDGE LISTING SOON

JOIN PRESALE
ASK FOR SPECIAL DEALS

Select base currency:

US dollar (USD) ▾

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Coin / detail	Price	Change	Volume	Marketcap	ROI	Nodes	# required	Mn worth
Dash (DASH)	\$230.5030	-5.08 %	\$58,751,100	\$1,878,915,804	7.09%	4,644	1,000	\$230,503
SmartCash (SMART)	\$0.0708	-9.78 %	\$3,059,160	\$74,439,67	49.07%	15,197	10,000	\$708
PIVX (PIVX)	\$1.7635	-11.37 %	\$689,581	\$99,753,64	6.78%	1,950	10,000	\$17,635
Zcoin (XZC)	\$15.4829	-10.65 %	\$679,823	\$78,009,89	23.65%	3,172	1,000	\$15,483
PHORE (PHR)	\$1.1721	-4.86 %	\$461,073	\$15,920,20	38.00%	572	10,000	\$11,721
SysCoin (SYS)	\$0.1704	-11.02 %	\$452,274	\$91,317,809	11.63%	1,121	100,000	\$17,044
HexxCoin (HXX)	\$2.9817	-36.45 %	\$352,811	\$4,959,607	61.63%	114	2,000	\$5,963
ION (ION)	\$0.8320	-2.36 %	\$269,523	\$17,761,42	26.63%	556	20,000	\$16,640