

Ethereum ETH

Due to CryptoKitties the network of ethereum is overloaded. Pool transactions take longer.

- Algorithm** ethash
- Block time** 16 sec POW
- Current block** 4764898
- Pool** 5991588 mhs
- Workers** 56663
- Difficulty** 1718744
- Frontier-style diff** 2062493
- Mined blocks last 24h** 235
- Mined uncles last 24h** 106

Homepages

- Exchanges**
 - Poloniex (https://poloniex.com/exchange/btc_eth)
 - Kraken (<https://www.kraken.com/>)
 - Gatecoin (<https://www.gatecoin.com/public/markets>)
 - Bittrex (<https://bittrex.com/Market/Index?MarketName=BTC-ETH>)
 - LiveCoin (<https://www.livecoin.net/>)
 - HitBTC (<https://hitbtc.com/>)
 - Exmo (<https://exmo.com/>)

(<http://ethereum.org/>)

Bitcointalk (<https://bitcointalk.org/index.php?topic=428589.0>)

Source code (<https://github.com/ethereum>)

Block explorer (<http://etherchain.org/>)

Calculator (<http://karldiab.com/EthereumMiningCalculator/>)(not precise after homestead release, use Frontier-style diff)

External info:

Videocards list (<http://62.212.74.86/~mining/list/amd/index.php?algo=eth>)

TOP ethereum accounts overall (<http://etherscan.io/accounts>)

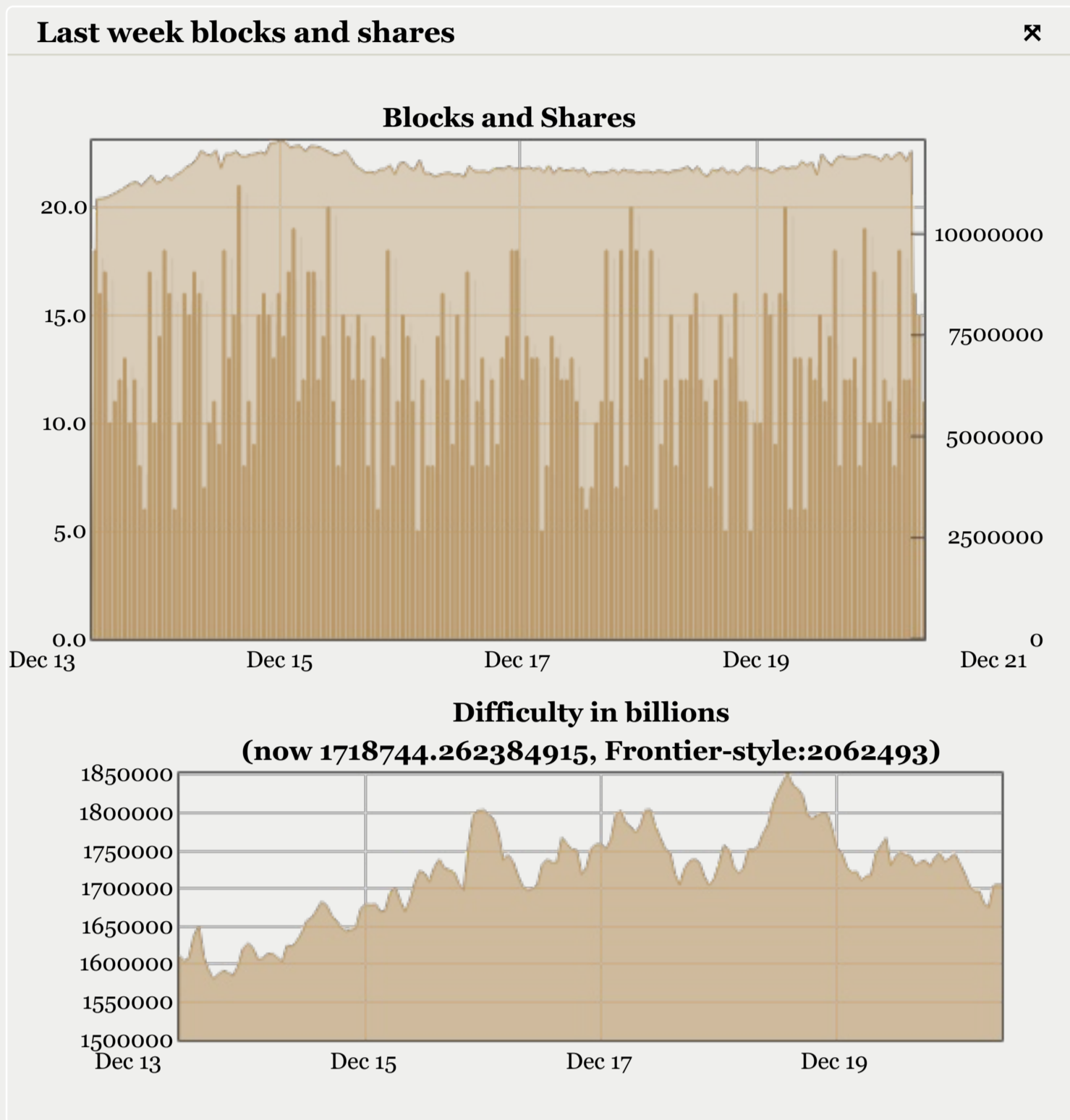
How to mine (rus) (<https://forum.bits.media/index.php?topic/21222-poshagovaia-instrukcija-po-mainingu-ethereum-dlia-chainiko/>)

Worker Stats

Worker name

Ethereum Price: 1 ETH ≈ 0.00000 ₿

Every minute updates (btc-e, poloniex). Charts 15 minutes.



Getting started Ethereum

Mining command line

```
ethminer.exe -G -F http://eth-eu.dwarfpool.com:80/YOUR_WALLET
```

You can determine your rigs separately for better statistic. Determine workername with letters and numbers

```
ethminer.exe -G -F http://eth-eu.dwarfpool.com:80/YOUR_WALLET/YOUR_WORKER
```

You can also mine **direct to any exchange**

To enable **email-monitoring** of your worker, use email in url. To disable monitoring, restart your miner without email.

```
ethminer.exe -G -F http://eth-eu.dwarfpool.com/YOUR_WALLET/YOUR_WORKER/EMAIL
```

and without workers

```
ethminer.exe -G -F http://eth-eu.dwarfpool.com/YOUR_WALLET/EMAIL
```

Example wallet `oxea7263feb7d8a8aboa11eedd8fice04412abo82o`, worker `rig1` and mail@`example.com` for monitoring

```
ethminer.exe -G -F http://eth-eu.dwarfpool.com/0x2a65aca4...35398226/rig1/mail@example.com
```

Install ethminer

- Official binary and source code (<https://ethereum.org/cli>)
- Windows (<http://cryptomining-blog.com/5417-getting-started-with-ethereum-using-c>)
- Linux (<http://spacience.blogspot.de/2015/05/ethereum-gpu-mining-ubuntu-1404-1ts>).

Do not use Catalyst 16.x!!! Drops up to 30% on hashrate or no shares at all!

Stratum Proxy v0.0.5

Additional **10%~20%** increase of earning compared to standard getwork and failover option

Download [Github](https://github.com/Atrides/eth-proxy) (<https://github.com/Atrides/eth-proxy>)

Source code and/or Linux (<http://dwarfpool.com/static/eth-proxy.zip>)

Windows (<http://dwarfpool.com/static/eth-proxy-win.zip>)

Command line to miner start, recommended farm-recheck to use with stratum-proxy is 200

```
./ethminer --farm-recheck 200 -G -F http://127.0.0.1:8080/rig1
```

How to install (<https://bitcointalk.org/index.php?topic=1200891>)

If your antivirus says exe file has virus, you use very bad antivirus. Exe file is just compiled version of python open sourceproxy.

If you don't see your miner on the stats page, 99.9% that you have corrupted DAG file. You must delete it (<https://forum.ethereum.org/discussion/2114/where-are-my-config-files-go-and-cpp>) and restart ethminer.

If you use proxy first time, check eth-proxy.conf file and your wallet here.

How to maximize your hashrate (<http://dwarfpool.com/faq/#maxspeed>)

Pool mining wallet `0x2a65aca4d5fc5b5c859090a6c34d164135398226` (<https://etherchain.org/account/0x2a65aca4d5fc5b5c859090a6c34d164135398226>)

Pool donate wallet `oxea7263feb7d8a8aboa11eedd8fice04412abo82o` (<https://etherchain.org/account/oxea7263feb7d8a8aboa11eedd8fice04412abo82o>)

Last 50 blocks

Height	Date	Amount	Status
4764860	17-12-20, 10:41:35 (9 minutes ago)	3.0000	immature
4764853	17-12-20, 10:40:02 (10 minutes ago)	3.3747	immature
4764839	17-12-20, 10:37:09 (13 minutes ago)	3.3780	immature
4764829	17-12-20, 10:34:26 (16 minutes ago)	3.5022	immature
4764822	17-12-20, 10:33:32 (17 minutes ago)	3.2884	immature
4764804	17-12-20, 10:29:46 (21 minutes ago)	0.7500	uncle
4764791	17-12-20, 10:26:28 (24 minutes ago)	3.4098	immature
4764781	17-12-20, 10:23:41 (27 minutes ago)	3.7690	immature
4764780	17-12-20, 10:23:35 (27 minutes ago)	2.2500	uncle
4764776	17-12-20, 10:22:33 (28 minutes ago)	3.1655	immature
4764711	17-12-20, 10:07:43 (43 minutes ago)	3.4781	immature
4764678	17-12-20, 09:58:22 (52 minutes ago)	2.6250	uncle
4764677	17-12-20, 09:57:45 (53 minutes ago)	3.2673	immature
4764666	17-12-20, 09:55:10 (55 minutes ago)	3.2720	immature
4764609	17-12-20, 09:39:43 (1 hour ago)	4.1079	immature
4764603	17-12-20, 09:38:00 (1 hour ago)	3.5300	immature
4764585	17-12-20, 09:33:31 (1 hour ago)	3.4900	immature
4764583	17-12-20, 09:32:55 (1 hour ago)	2.2500	uncle
4764566	17-12-20, 09:27:46 (1 hour ago)	3.3209	immature
4764565	17-12-20, 09:27:35 (1 hour ago)	3.2896	immature
4764538	17-12-20, 09:20:21 (1 hour ago)	3.4226	immature
4764531	17-12-20, 09:19:17 (1 hour ago)	3.4651	immature
4764522	17-12-20, 09:15:57 (1 hour ago)	3.3096	immature
4764519	17-12-20, 09:15:27 (1 hour ago)	3.4466	immature
4764511	17-12-20, 09:13:32 (1 hour ago)	3.3373	immature
4764509	17-12-20, 09:12:46 (1 hour ago)	3.2410	immature
4764454	17-12-20, 08:59:26 (1 hour ago)	2.2500	uncle
4764449	17-12-20, 08:58:18 (1 hour ago)	2.2500	uncle
4764393	17-12-20, 08:44:04 (2 hours ago)	2.6250	uncle
4764390	17-12-20, 08:43:14 (2 hours ago)	3.3926	immature
4764358	17-12-20, 08:35:58 (2 hours ago)	3.2834	confirmed
4764339	17-12-20, 08:30:34 (2 hours ago)	3.7675	confirmed
4764338	17-12-20, 08:30:16 (2 hours ago)	3.2871	confirmed
4764332	17-12-20, 08:28:21 (2 hours ago)	3.2288	confirmed
4764316	17-12-20, 08:24:54 (2 hours ago)	3.3483	confirmed
4764310	17-12-20, 08:23:30 (2 hours ago)	2.6250	uncle
4764292	17-12-20, 08:19:17 (2 hours ago)	2.6250	uncle
4764258	17-12-20, 08:13:02 (2 hours ago)	3.4422	confirmed
4764257	17-12-20, 08:12:50 (2 hours ago)	2.6250	uncle
4764255	17-12-20, 08:12:28 (2 hours ago)	3.3127	confirmed
4764234	17-12-20, 08:06:46 (2 hours ago)	3.2698	confirmed
4764228	17-12-20, 08:05:17 (2 hours ago)	3.2005	confirmed
4764173	17-12-20, 07:52:34 (2 hours ago)	3.2686	confirmed
4764133	17-12-20, 07:43:00 (3 hours ago)	3.2902	confirmed
4764126	17-12-20, 07:41:48 (3 hours ago)	2.6250	uncle
4764093	17-12-20, 07:34:56 (3 hours ago)	3.3231	confirmed

Pool features

- The most profitable** and fair HBPPS* (/faq). No PPLNS! True round based payment system, proportional your shares, 1% fee
- Greatly optimized** pool engine
- We pay **uncle** blocks!
- Maximum transparent** and detailed stats
- Monitoring** of every rig via email and API (<http://dwarfpool.com/api/>)
- Mining directly to an exchange** without any local wallet, just put the exchange wallet
- Powerful dedicated servers worldwide.** Choose the closest one as a main server, the others as backup or use them at once. All your shares will be calculated from all servers!
- 100% failover-infrastructure uptime
- DDoS protection** by different providers
- No registration** required
- No transaction fee**, no stealing shares, no hidden fees, no payout commissions. **Autopayouts** from 1.01 ETH (from 0.05) six times a day All TX-fee paid by pool from pool fee and eth-fees.
- Separate workers for detailed per rig statistics
- "Fake shares" attack resistant. Double nonce not accepted
- Excellent Support 24/7 in **english, русский, deutsch**

Port: **80** and Stratum-Port (proxy+claymore): **8008**

EU-Server: **eth-eu.dwarfpool.com** (France)

US-Server: **eth-us.dwarfpool.com** (Montreal,Canada)

US-Server: **eth-us2.dwarfpool.com** (Las Vegas)

RU-Server: **eth-ru.dwarfpool.com** (Moscow, Russia)

ASIA-Server: **eth-asia.dwarfpool.com** (Taiwan)

Port: **80**, **8000** and Stratum-Port (proxy+claymore): **8008**

CN-Server: **eth-cn.dwarfpool.com** (Shanghai/上海市)

CN-Server: **eth-cn2.dwarfpool.com** (Beijing/北京)

Only Stratum-Port (proxy+claymore): **8008**

SG-Server: **eth-sg.dwarfpool.com** (Singapore)

AU-Server: **eth-au.dwarfpool.com** (Melbourne)

RU-Server: **eth-ru2.dwarfpool.com** (Moscow, Russia)

HK-Server: **eth-hk.dwarfpool.com** (Hong Kong/香港)

BR-Server: **eth-br.dwarfpool.com** (Sao Paulo, Brazil)

AR-Server: **eth-ar.dwarfpool.com** (Rosario, Argentina)

Static diff: 2 billion for GPU and GPU-Rigs

URL: **/your_wallet**

URL: **/your_wallet/worker**

URL: **/your_wallet/worker/email**

URL: **/your_wallet/email**

Stratum-URL(with proxy): **/**

Stratum-URL(with proxy): **/worker**

Do not use bad email providers (/faq/#bademail)

Last 5 payouts

Date	Amount	Transaction
20 Dec, 10:50	0.0550	0x8a004738a7467b08f3af559dbb2073...
20 Dec, 10:47	0.0500	0xa907ec304b714aeb437c5aa5c2099b...
20 Dec, 10:46	0.0526	0x5a40130eb0f0cd46e1b018be2f3cb8...
20 Dec, 10:46	0.0500	0xeda07489650355918bc39467843a30...
20 Dec, 10:46	0.0500	0x2141fc21ceee9ef95d5192126d3aod...

Top 20 miners

Worker	very approx.mhs
FDfEd57E62f78c86D4B9dC7E8F77a2EoCf84dD51	194263.73
bb76fc2ce36a19da28fd713e350a42f1023e2ff	171749.31
7AC86f7Dec483Bc550Aa620A5A3F17deAd187a5	50815.49
ae16540a2db328b03c17c8c63db269d16cfe0099	38986.71
c7245df50102a768f5908f8b060532ddc3a8a658	29571.06
e19fFB70E148A76d26698036A9fD22057967D1b	29310.09
7Fb21ac4Cd75d9De3E1c5D11D87bB904c01880fc	29258.45
dE088812A9e5005b0dC8447B37193c9e8b67a1ff	29231.02
fcfe7d7fb939057e8b00a0cae75a4ff7c36cd1c	29195.44
c6F31A79526c641de4E432CB2a288BB577A67eaC	29050.30
3509F7bd9557F8a9b793759b3E3bfA2Cd505ae31	28958.32
34FAA028162C4d4E92DB6abfA236A8E90ff2FC3	28659.80
c1c427cD8E6B7Ee3b5F30c2e1D3f3e5536EC16f5	28550.07
B9cf2dA90Bdf1BC014720Cc84F5Ab99d7974EbA	27867.50
08c89811743371acf2162edcb7a8dc366f36ea28	27224.67
44b4b1d1b7ab3210fdcdcea707c42241f8a47e	26496.83
7abdb944abe0e154d98e3db6d1253f7a5b92b907	26323.25
df7be91c8402b50e6289cfa83012b0fb6ccde0	25826.59
6d225b8b47066c79cfd629bd08851ca62c17f8f	25593.81
dFA45B1961B11b6174f21e3d185B8E5ef0f8383a	25567.77

Calculated on the last 20 minutes

4764042	17-12-20, 07:21:10 (3 hours ago)	3.3192	confirmed
4764040	17-12-20, 07:20:40 (3 hours ago)	1.8750	uncle
4764018	17-12-20, 07:12:37 (3 hours ago)	3.4127	confirmed
4764004	17-12-20, 07:10:05 (3 hours ago)	3.3969	confirmed

Last hours and 1000 blocks (/eth/1000)

Ethereum [Ethereum \(/eth\)](#) [Expanse \(/exp\)](#) | [Cryptonight Monero \(/xmr\)](#) | [Groestl GroestlCoin \(/grs\)](#)

Dead: 365, alf, beli, bltz, brit, doge, dw, fc, fry, gln, grump, h2o, hxc, isis, jpc, mamm, max, meth, mmc, noah, sfr, sloth, tac, tls, tve, whirl, wot, xxi, zeb

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