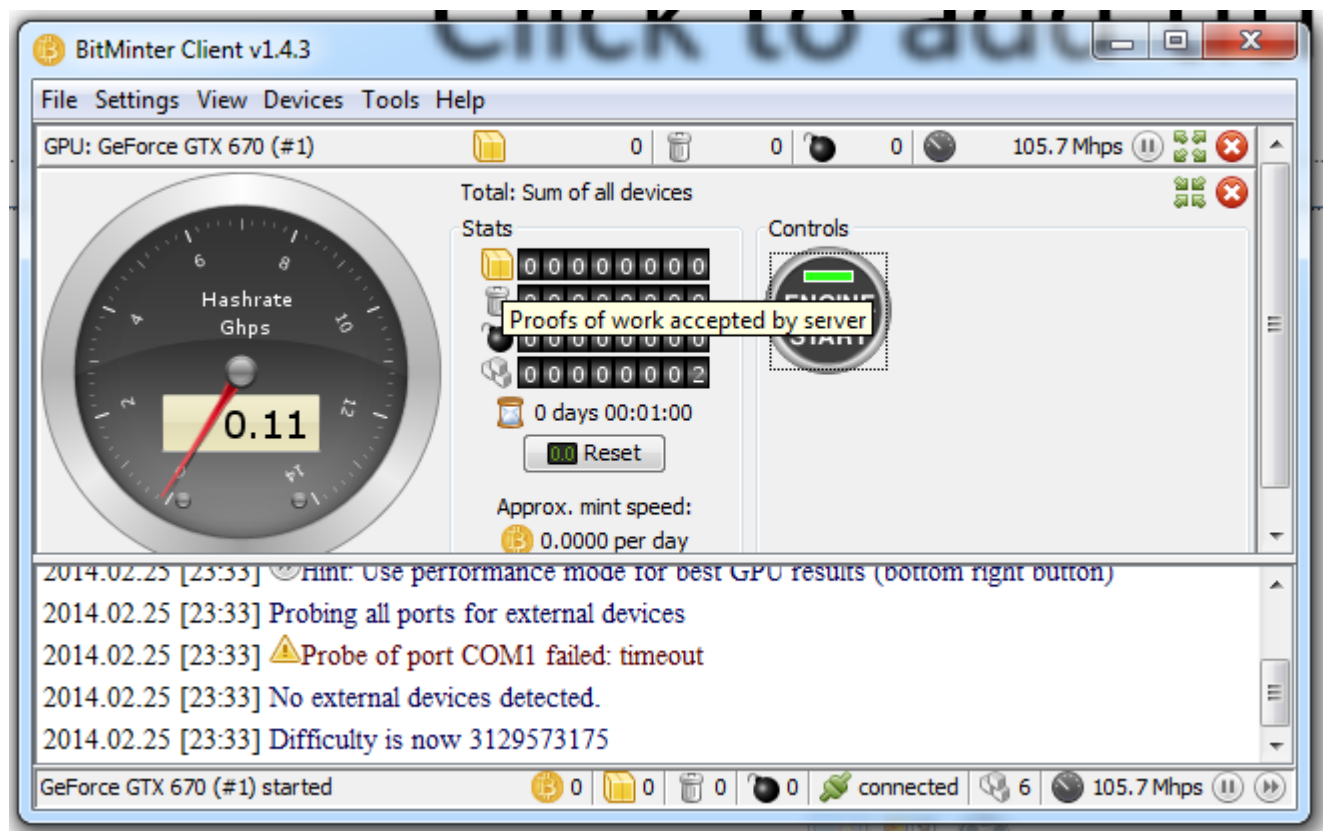
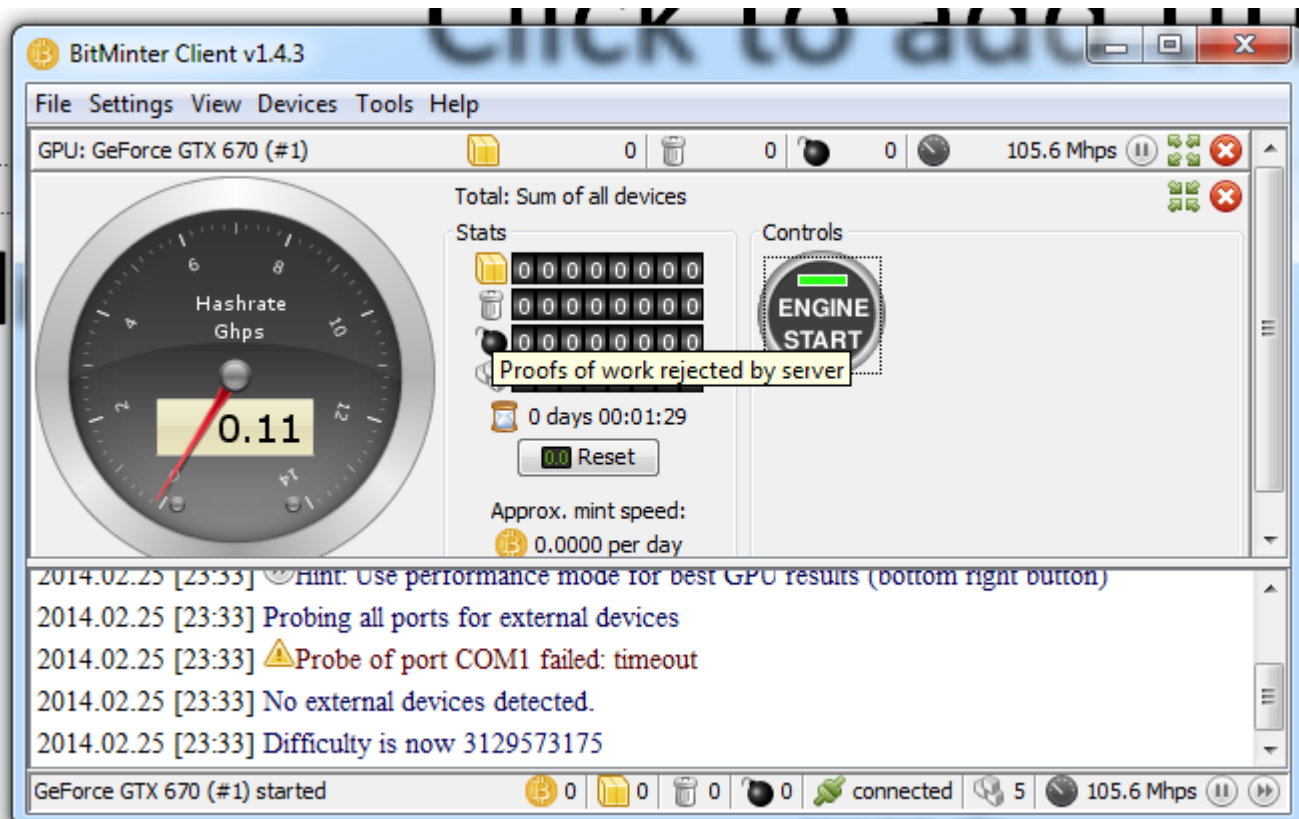
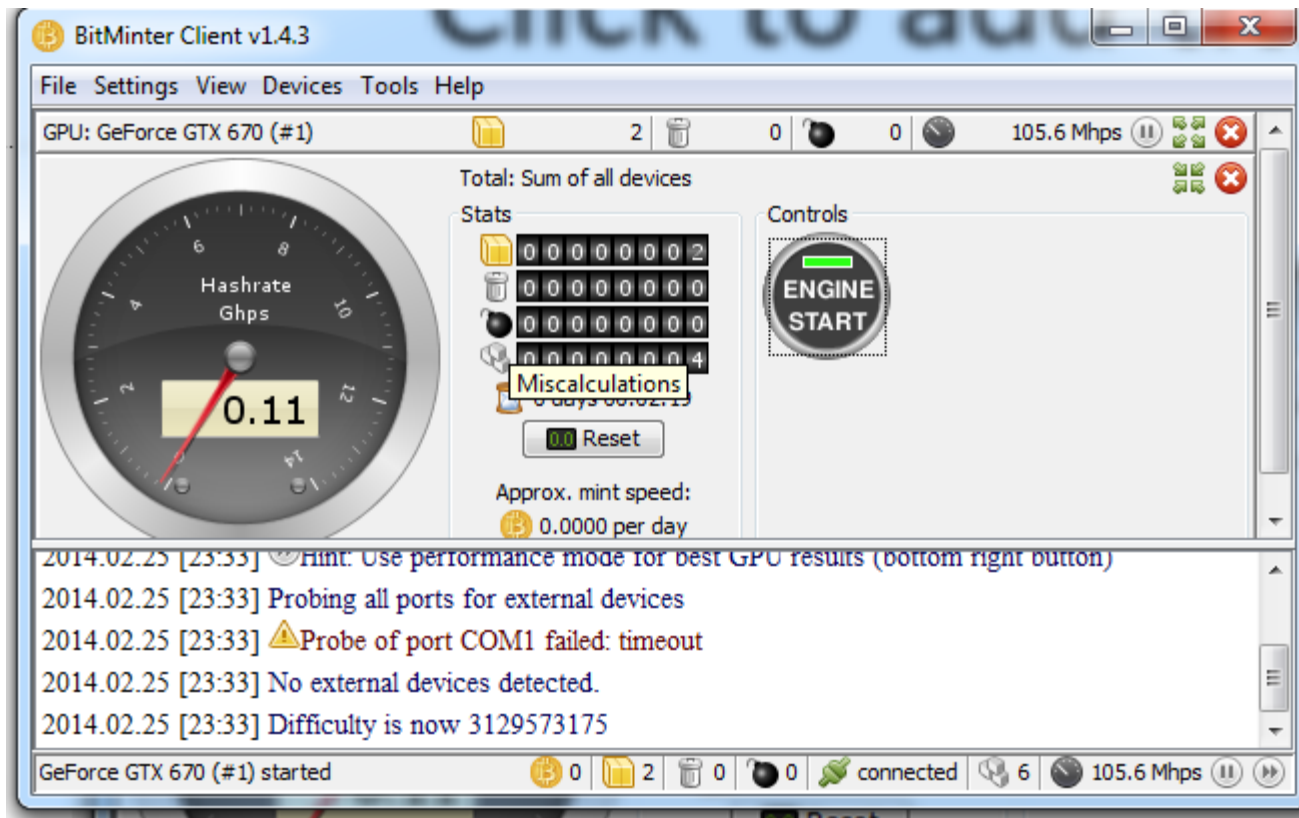
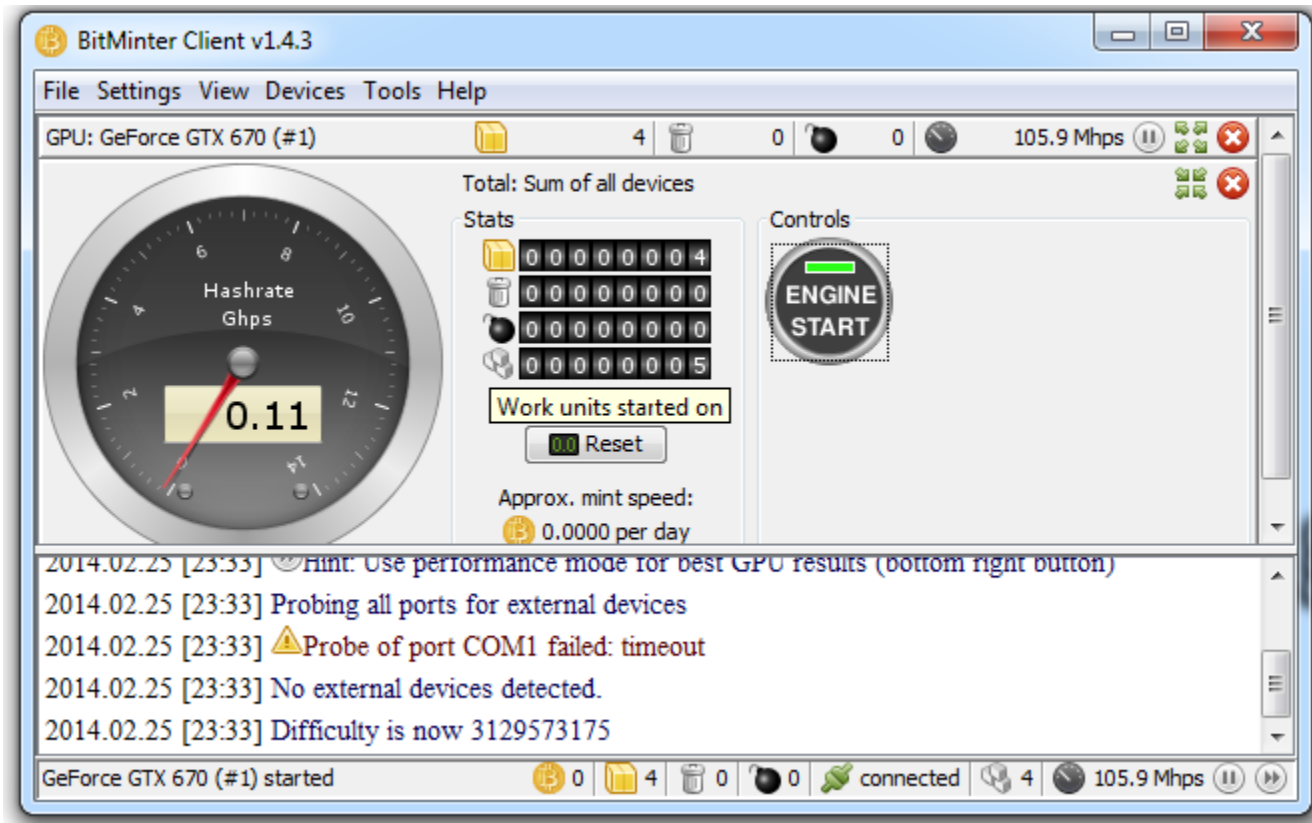


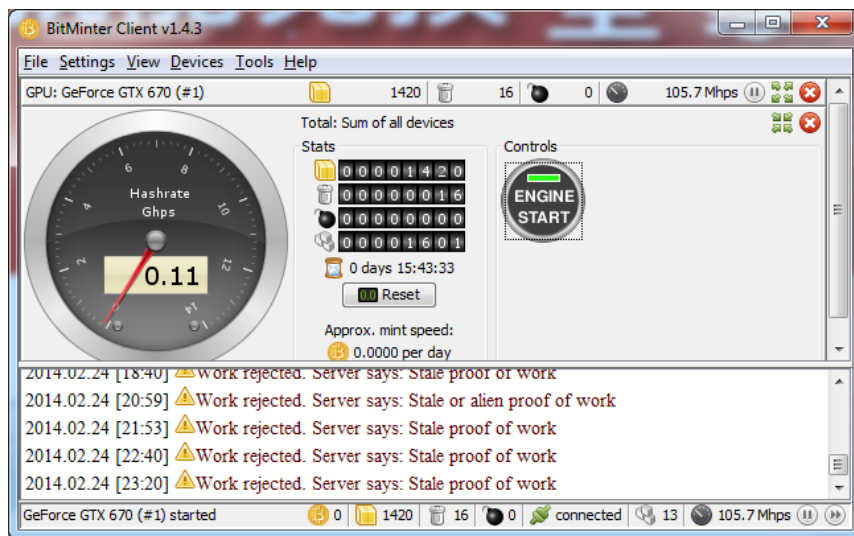
Bitcoin Mining

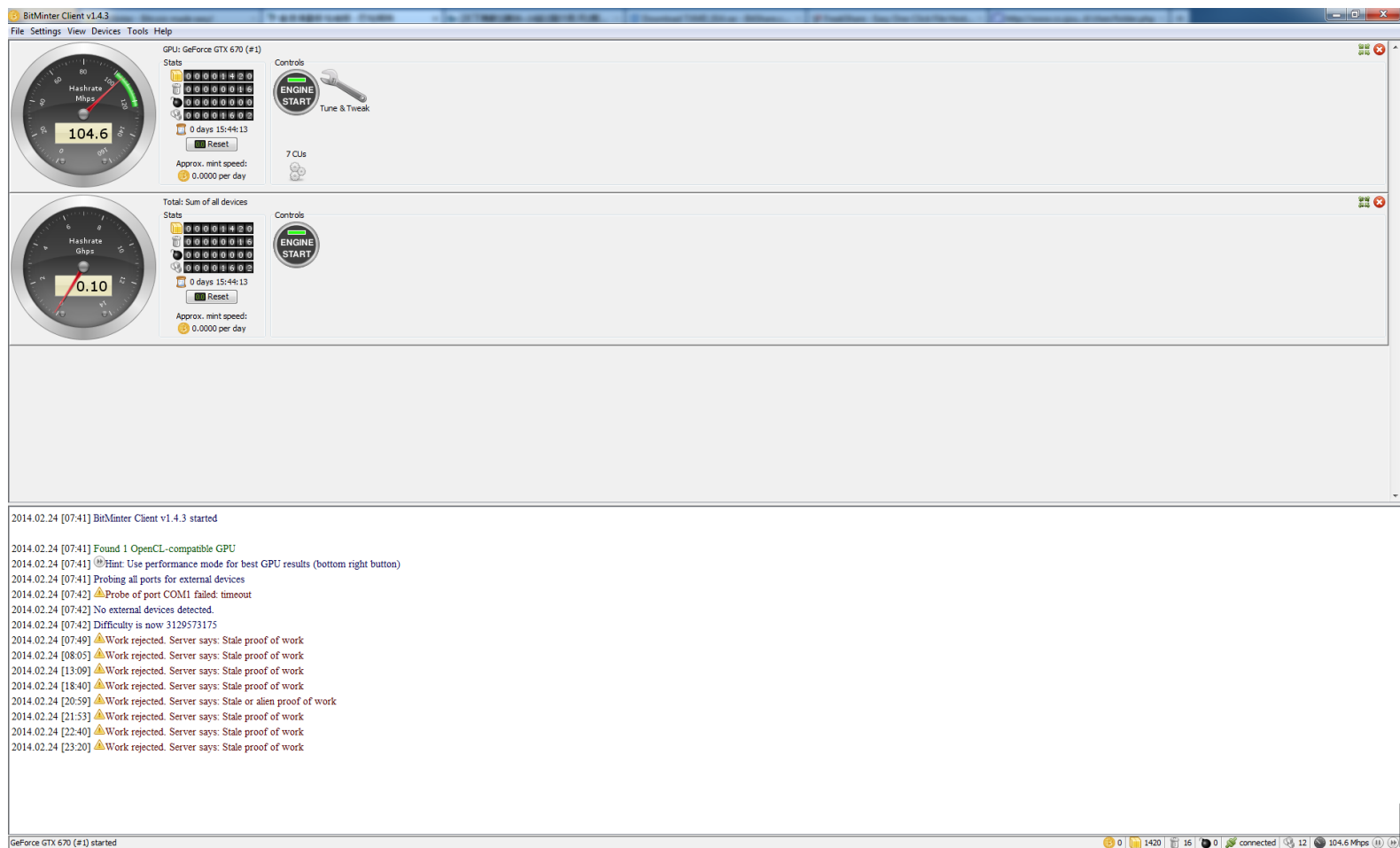












Account Details for timchen623

Unconfirmed income is added to your balance if and when [blocks](#) are confirmed. To improve your income per block, improve your score in the [shifts](#) eligible for payments by increasing your hash power.

Personal Assets	Balance	Unconfirmed	Future	Expected per block
Bitcoins [send]	0.00001243	-	0.00001243	0.00000423
Namecoins [send]	0.00002894	-	0.00002894	0.00000846

Email settings

To ensure messages are not caught in your spamfilter, please add noreply@bitminter.com and operator@bitminter.com to your address book and/or whitelist them with your anti-spam solution.



Your email address:

the difficulty at the time it was submitted. Proofs of work are grouped in shifts. A shift is completed when its total score passes 0.4. Whenever new coins are minted, they are divided between contributing members proportionally to the total score each member has within the last 10 completed shifts. If you are logged in you can see your score in each shift.

Since 2011 with Bitcoin



All timestamps are in Coordinated Universal Time (UTC).

Completed	Duration	Difficulty	Total Thps	Your Ghps	Your score	Your work
2014-02-25 20:08	4h 03m	3,129,573,174	368.1	0.0	0.000006%	72
2014-02-25 16:04	3h 59m	3,129,573,174	374.2	-	-	-
2014-02-25 12:04	4h 00m	3,129,573,174	373.8	0.1	0.000019%	238
2014-02-25 08:04	4h 00m	3,129,573,174	372.8	0.1	0.000030%	380
2014-02-25 04:02	4h 05m	3,129,573,174	367.7	0.1	0.000028%	348
2014-02-24 23:55	4h 05m	3,129,573,174	366.5	0.1	0.000030%	376
2014-02-24 19:49	4h 02m	3,129,573,174	369.1	0.1	0.000029%	364
2014-02-24 15:46	4h 04m	3,129,573,174	367.1	0.0	0.000001%	8
2014-02-24 11:41	4h 03m	3,129,573,174	368.4	0.1	0.000018%	220
2014-02-24 07:37	4h 00m	3,129,573,174	373.7	0.0	0.000009%	118
2014-02-24 03:36	3h 46m	3,129,573,174	395.3	0.0	0.000012%	152
2014-02-23 23:40	4h 06m	3,129,573,174	364.9	0.0	0.000001%	8
2014-02-23 19:33	3h 58m	3,129,573,174	376.3	-	-	-
2014-02-23 15:34	3h 57m	3,129,573,174	377.5	-	-	-
2014-02-23 11:36	3h 56m	3,129,573,174	380.4	-	-	-
2014-02-23 07:39	3h 57m	3,129,573,174	378.0	-	-	-
2014-02-23 03:41	4h 02m	3,129,573,174	370.7	-	-	-
2014-02-22 23:39	4h 01m	3,129,573,174	371.6	-	-	-

Mining tool

- Asic
- CPU
- Graphic card

Nvidia Gtx 670

- I got 0.00000875 bitcoin for one day

Asic

Bitcoin double SHA256 ASIC mining hardware								
Product	Advertised Mhash/s	Mhash/J	Mhash/s/\$	Watts	Price	Currently shipping	Comm ports	Dev-friendly
AntMiner S1	180,000	500	155	360	\$1,160	Yes	Ethernet	code, samples
AntMiner U1	1,600	800	55	2	\$29	Yes	USB	code, samples
Avalon ASIC #1	66,300 ^[1]	107	52.34	620 ^[2]	\$1,299 ^[3]	Discontinued	Ethernet, Wifi	code
Avalon ASIC #2	82,000 ^[3]	117	54.70	700	\$1,499 ^[3]	Discontinued	Ethernet, Wifi	code
Avalon ASIC #3	82,000 ^[3]	117	54.70	700	\$1,499 ^[3]	Discontinued	Ethernet, Wifi	code
Avalon2	300,000				5 BTC	Yes	USB or Ethernet(Power by OpenWrt)	No
Axon Synapse Terra-1 ^[4]	3,000,000	1350			\$9,999	2014	Ethernet	No
bi*fury	5,000	1,176	24	4.25	\$209	Yes	USB	docs, samples
BitBurner							USB	code
BFL SC 5Gh/s	5,000 ^[5]	166	18.24	30	\$274 ^[5]	Discontinued	USB	docs, samples
BFL SC 10 Gh/s	10,000 ^[6]		27		\$374 ^[6]	Discontinued	USB	docs, samples
BFL SC 25 Gh/s	25,000 ^[7]	166	20.00	150	\$1,249 ^[7]	Discontinued	USB	docs, samples
BFL Little Single	30,000 ^[8]		46.22		\$649 ^[8]	Discontinued	USB	docs, samples
BFL SC 50 Gh/s	50,000 ^[9]	166	50	300	\$984 ^[9]	Yes	USB	docs, samples
BFL Single 'SC'	60,000 ^[10]	250	46.18	240	\$1,299 ^[10]	Discontinued	USB	docs, samples
BFL 230 GH/s Rack Mount	230,000 ^[11]		54		\$4,255 ^[11]	Yes	USB	docs, samples
BFL 500 GH/s Mini Rig SC	500,000 ^[12]	185		2700	\$22,484	Discontinued	Wifi	docs, samples
BFL Monarch BPU 300 C ^[13]	300,000	1714	200	175	\$1,497	2014	PCIe, USB	docs, samples
BFL Monarch BPU 600 C ^[14]	600,000	1714	273	350	\$2,196	2014	PCIe, USB	docs, samples
BitFury S.B.							RPI GPIO	No
Bitmine.ch Avalon Clone 85GH	85,000		13	650	\$6,489 ^[15]	Yes	Ethernet, Wifi, USB	code
Black Arrow Prospero X-1	64,000	1777	267 ^[16]	36	\$239 ^[16]	May 2014	Ethernet	No
Black Arrow Prospero X-3	1,344,000	1792	336 ^[17]	750	\$3,999 ^[17]	May 2014	Ethernet	No
Blue Fury	2,500	1000	17.8	2.5	\$140	Yes	USB	code, samples
Block Erupter Blade	10,752	129	28 ^[18]	83	\$350 ^[18]	Discontinued	Ethernet	samples
Block Erupter Cube	30,000	150	55	200	\$550 ^[18]	Yes	Ethernet	samples
Block Erupter Emerald	336				Promo	No	USB	samples
Block Erupter Sapphire	333	130	17 ^[18]	2.55	\$20 ^[18]	Discontinued	USB	samples
CoinTerra TerraMiner IV	2,000,000 ^[19]		333.3	2200	\$5,999 ^[19]	Yes	Ethernet	docs, code, samples
CoinTerra GSX I PCIe Card	400,000 ^[20]		250.2	450	\$1,599 ^[19]	June 2014	USB	No
Drillbit							USB	code, samples
HashBlaster "I" – 20nm	3,300,000 ^[21]	1818	375	1815 ^[21]	\$8,799 ^[21]	Discontinued	Ethernet, Wifi	No
HashBuster Micro	20,000	869	29	23	\$688	Discontinued	USB	docs, samples

Intel

Intel

Model	p/t	Mhash/s	Mhash/J	Mhash / s ⁽¹⁾ € ⁽²⁾	ACP [W]	Clock [GHz]	Version	Comment
Core i5 2600K	4/8	17.3			75	3.4	bitcoin-miner	-g no. 75W for the whole System without monitor (MSI Board). CPU underclocked to 3,4Ghz and undervolted to 1,012Vcore. Passive Cooling! 3.6ghz results in 18,4 Mhash/s
Core i7 2600K	4/8	18.6			95 W max.	3.4	Ufasoft bitcoin-miner 0.20	-g no -t 8 CPU @ 3.511Ghz 1.176V
Core i7 2600	4/8	23.9				3.4	pooler's cpuminer v2.2	Ubuntu Linux 11.10
Core i7 620M	2/4	1.888				2.66	RPCMiner GUI v2011-05-22 / Mac OS X 10.6.7	Model: MacBookPro6,2 RAM: 4GB
Core i7 620M	2/4	6.5				3.33	This is achieved by running RPC 4 way miner in VMware Fusion 4 (running win 7 in the VM) while in Mac OSX / Mac OS X 10.6.8	Model: MacBookPro6,2 RAM: 8GB.The CPU appears to turbo boost to 3.33GHz in this way from 2.67GHz when running it in this way.The MBP gets very hot and uses a lot of energy though so watch those temps.It'll throttle after a while unless you keep the air vents clear underneath (ie don't put int in your lap,etc).
Core i7 720QM	4/8	7.9	?		45	2.8	ufasoft v0.4	stream processors overclocked from 1.6 GHz; Dell Precision M6500, Win7-64, 8GB DDR3
Core i7 820	4/8	13.8				2.8	ufasoft v0.4	-t 8
Core i7 920	4/8	19.2	0.10		195	4.0 (x21)	ufasoft v0.4	-a 5
Core i7 950	4/8	5.88	0.039		150	3.83 (x23)	bitcoin-0.3.20.2 Win7-64	
Core i7 950	4/8	18.9	0.126		150	3.83 (x23)	ufasoft v0.4	
Core i7 980x	6/12	19.2	0.15		130	4.4 (x33)	cpuminer/Win7-64	
Core i7 980x	6/12	8.7				3.9 (x27)	0.3.17/Win7-64	
Core i7 990x	6/12	33.3				4.5 (x32)	ufasoft/Win2008 R2-64	Ram - 12Gb, Rampage III BlackEdition, Water cooling
Core i7 2635QM	4/8	2.93				2.00	RPCMiner GUI v2011-05-22 / Mac OS X 10.6.7	Model: MacBookPro8,2 RAM: 4GB
Core i7 620M	2/4	6.3	0.18		35	2.66	ufasoft v0.4	
Core i7 2600k	4/4	6.7				4.00	phoenix 0.48	
Core i7 3770k	4/8	5.2				4.4	Guiminer v2012-12-03	Windows 7 x64 : -v argument increased Mhash/s from 5.0 to 5.2

Graphic Card

- **AMD (ATI)**
- **Nvidia**

AMD(ATI)

AMD (ATI)

Stream SDK 2.5 seems to have resolved many of the problems with earlier versions. Everyone's setups will be unique so this should only be a guide or starting point, not an absolute.

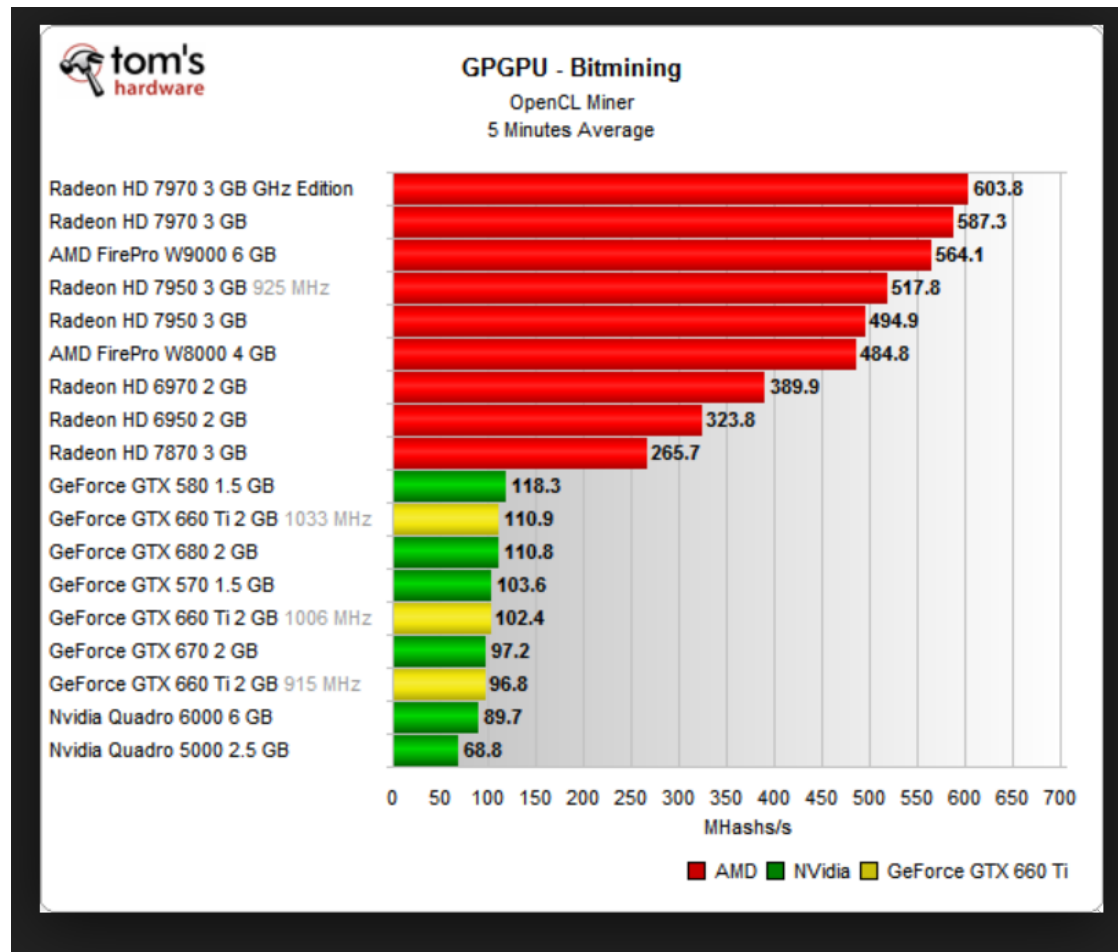
Model	Mhash/s	Mhash/J	Mhash/s/°C	Watts	Clock	SP	SDK	Slot	Miner	Notes
7950	510	-	-	-	985	1792	2.6	PCI-E 3.0 x16	Diablo	Windows 8 x64, Asus P8277 WS, i7 3rd Gen, Card is XFX brand, Clock 985Mhz, Mem 1100Mhz, -v 1 -w 256
7950	512	-	-	-	1000	1792	2.6	PCI-E 3.0 x8	poclbn	GPU: 1000MHz, Memory: 850MHz
7950	550	-	-	-	1060	1792	2.8	PCI-E 3.0 x16	Diablo	Core 1060, Mem 800, -v 1 -w 256 Intesity 7
7950	605	-	-	-	1150	1792	2.6 (10.0.898.1)	PCI-E 3.0 x16	DiabloMiner	GPU: 1150MHz, Memory: 1375MHz; -v 1 -w 256
7970	555	-	-	-	925	2048	2.6 (10.0.898.1)	PCI-E 2.0 x16	DiabloMiner	GPU: 925MHz, Memory: 1375MHz; -v 1 -w 256
7970	640	-	-	-	1070 core/1000 mem	2048	2.6	PCI-E 3.0 x16	cgminer 2.6.5	MSI R7970 Lightning Win7 x64, Catalyst 12.8, GPU 1070 MHz, Memory 1000 MHz, GPU temp = 72°C, Room temp = 28°C, Fan = 57%, cgminer -k diablo -v 1 -w 256
7970	650	-	-	-	1100	2048	2.4	PCI-E 2.0 x16 x8 x4	Diablo	GPU 1100MHz, Memory 600MHz;
7970	650	-	-	-	1100	2048	2.6	PCI-E 2.0 x1	cgminer 2.4.1	Win7 x86, Catalyst 12.3, GPU 1100 MHz, Memory 950 MHz, GPU temp = 68°C, Room temp = 25°C, Fan = 58%, -k poclbn -v 1 -w 128
7970	674	-	-	-	1130 core/1000 mem	2048	2.6	PCI-E 3.0 x16	cgminer 2.6.5	MSI R7970 Lightning Win7 x64, Catalyst 12.8, GPU 1130 MHz, Memory 1000 MHz, GPU temp = 72°C, Room temp = 28°C, Fan = 57%, cgminer -k diablo -v 1 -w 256
7970	685	-	-	-	1150 core/1000 mem	2048	2.6	PCI-E 3.0 x16	cgminer 2.6.5	MSI R7970 Lightning Win7 x64, Catalyst 12.8, GPU 1150 MHz, Memory 1000 MHz, GPU temp = 72°C, Room temp = 28°C, Fan = 58%, cgminer -k diablo -v 1 -w 256
7970	685	-	-	-	1177	2048	2.6	PCI-E 2.0 x16	cgminer 2.3.1	Win7, Catalyst 12.3, driver: 2.95, E: 1177, M:685, -k diakgn -v 2 -w 256
7970	690	-	-	-	1150	2048	2.6 (10.0.898.1)	PCI-E 2.0 x16	DiabloMiner	GPU: 1150MHz, Memory: 1375MHz; -v 1 -w 256
7970	695	-	-	-	1160(core)/1050(mem)	2048	2.6	PCI-E 2.0 x16	DiabloMiner (options: -v 1 -w 256)	Asus HD7970-DC2T-3GD5 @ 1.17V; Linux Ubuntu 11.10 64 bit; AMD SDK 2.6; Catalyst 12.3
7970	710	-	-	-	1200	2048	2.4	PCI-E 2.0 x16	DiabloMiner	GPU 1200MHz, Memory 600MHz; -v 1 -w 256
7970	714~	-	-	-	1210	2048	2.7	PCI-E 1.1 x16	cgminer 2.7.4	MSI HD7970 R7970-2PMD3GD5/OC, core clock - 1210Mhz, memory clock - 685, core voltage (1.149V - MSI Afterburner, ~1.043V - GPU-Z), memory voltage 1.5V, temperature - 75C at mid-day and 65C w/ AC on at 20C, Catalyst 12.8, Windows 8 Release Preview 32-bit, kernel - poclbn, vector - 1, worksize - 64, intensity - 14, fan - 100%
7970	825	-	-	214	1290	2048	2.4	PCI-E 2.0 x16	Bitminter	Bitminter beta 1.1.1; GPU 1290MHz, Memory 1375MHz (Trixx = 600); work size 256, "BFI_INT," Device-accessible CPU memory; full watercooled block; power stats from GPU-Z; Driver 11.12

Nvidia

Nvidia

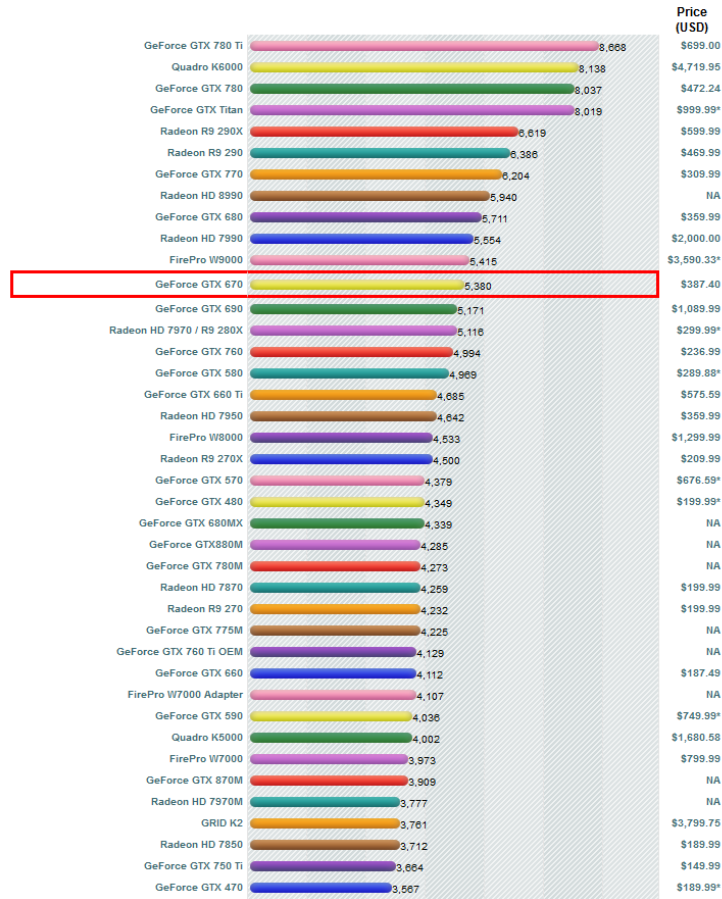
Model	Mhash/s	Mhash/J	Watts	Clock	SP	Comment
GTX590	193.1	---	---	1215	2x 512	poclbn -v -w 256, Win
GTX590	2x 121.48	---	---	750	2x 512	
GTX670	112.00	1.1	100	1275	1344	EVGA GTX670FTW 2GB / GPU Clock offset +75Mhz with EVGA Precision X / GUIMiner -f 60 / Windows 7 64-Bit. (09-13-2012)
GTX680	127.3			1280	1536	Asus GTX 680 2GB DirectCU II: Windows 7 64 bit: Nvidia 310.90 driver: Offset of 186: Runs at a constant 52C
GTX680	110.00			1110	1536	RPCMiner with OpenCL or others. Might crash once mining stops. No Flags and Stock Settings (GPU Boost @ 1110mhz Core) with EVGA GTX 680, latest version of GUIMiner (2012-2-19) and Windows 7 x64.
GTX680	120.00	1.2	100	1272	1536	Ufasoft Galaxy 4GB (GPU Clock offset +70Mhz with EVGA Precision X) (2012-7-28) and Windows 7 64-Bit.
Quadro FX 580	5.7	0.14	40	1125	4	rpcminer-cuda, Win, -gpugrid=128 -gputhreads=512
Quadro FX 770M	5.75			500	32	DiabloMiner-Windows.exe BFI_INT FASTLOOP AGGRESSION=6, Win
Quadro FX 770M	6.39			500	32	DiabloMiner-Windows.exe BFI_INT FASTLOOP AGGRESSION=6 w 64, Win 7x64

Mining Compare for Graphic Card



Price Compare For Graphic Card

PassMark - G3D Mark
High End Videocards - Updated 11th of March 2014



Conclusion

- Ati graphic is good for bitcoin mining
- Nvidia is better for gaming

Reference

- https://en.bitcoin.it/wiki/Mining_hardware_comparison
- <http://www.tomshardware.com/reviews/geforce-gtx-660-ti-benchmark-review,3279-12.html>
- http://www.videocardbenchmark.net/video_lookup.php?gpu=GeForce+GTX+670