

Forum: [Hack Forums](#)

Thread: [My First mining rig! Ethereum \(176mh/s\) - Turned a profit in 46 days!!](#)

Jesse Pinkman - May 3, 2017, 2:08 pm

Hey HF, what do you think of this rig I slopped together in about 4 days?

4/27/2017 (day of amazon order placed for parts) ->
Today, 6/12/2017, rig is officially 'paid off'

The rig paid itself off (\$2000) in approximately 46 days!

[Video: <https://www.youtube.com/watch?v=YLSRBhzuyHA>]

Older video:

https://www.youtube.com/watch?v=4ni4CUouy_o

The 500 series for the Sapphire graphics cards are basically brand new, so these cards are top of the line right now!!

24 mh/s each card without overclocking
~30 mh/s with modded bios.

If you'd like to see my earnings with the current rig, you can here:

<https://eth.nanopool.org/account/0x5b0d2ba411f79f142a3e0bc4fa9d152c55ac8421>

A quick list of parts I used:

https://www.amazon.com/gp/product/B01FM62DTC/ref=oh_aui_detailpage_o01_s00?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B00TY6A2Z4/ref=oh_aui_detailpage_o01_s00?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B071CF1JFV/ref=oh_aui_detailpage_o01_s01?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B01F9G414U/ref=oh_aui_detailpage_o01_s02?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B00U6GTONM/ref=oh_aui_detailpage_o01_s02?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B015VPX05A/ref=oh_aui_detailpage_o01_s03?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B01GU94QSQ/ref=oh_aui_detailpage_o01_s03?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B01BIUW9PO/ref=oh_aui_detailpage_o01_s03?ie=UTF8&psc=1

Stixx - May 3, 2017, 2:09 pm

Please update the thread with your earnings if/when you get some ?

Mr. Robot - May 3, 2017, 2:10 pm

Damn dude, you should definitely look at other coins too - possibly check out

<https://hackforums.net/showthread.php?tid=5297703>

It mines the most profitable at the time and would be chill

Jesse Pinkman - May 3, 2017, 2:10 pm

(May 3, 2017 02:09 PM)Stixx Wrote: [\[CITE\]](#) Please update the thread with your earnings if/when you get some ?

Updated the thread with a live feed ;)

Mr. Kim - May 3, 2017, 2:11 pm

(May 3, 2017 02:09 PM)Stixx Wrote: [\[CITE\]](#) Please update the thread with your earnings if/when you get some ?

^This. Please keep us posted OP!

Gizmo - May 3, 2017, 2:12 pm

That's some cool stuff you got there. Nice video!

Can you update us how many Mh/s you get when you overclock your GPU's?

Kinguin - May 3, 2017, 2:12 pm

How much did it cost you to build this?

And how long do you think it will take before you make back the money?

Also, how much do you think you'll be making each day?

Mr. Robot - May 3, 2017, 2:13 pm

(May 3, 2017 02:10 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Updated the thread with a live feed ;)

Just for user reference, time of this post it reads "0.15956845"

Jesse Pinkman - May 3, 2017, 2:14 pm

(May 3, 2017 02:12 PM)Kinguin Wrote: [\[CITE\]](#) How much did it cost you to build this?

And how long do you think it will take before you make back the money?

Also, how much do you think you'll be making each day?

The cost was right around 1900\$ (I re-invested my BTC earnings to diversify)

I estimate between 6-8 months, hopefully sooner if the price keeps soaring!

As of now ill be making between 10-12\$ a day.

Kinguin - May 3, 2017, 2:16 pm

(May 3, 2017 02:14 PM)Jesse Pinkman Wrote: [\[CITE\]](#) The cost was right around 1900\$ (I re-invested my BTC earnings to diversify)

I estimate between 6-8 months, hopefully sooner if the price keeps soaring!

As of now ill be making between 10-12\$ a day.

Is this included the power cost?

Also, how much do you spend each day on electricity running it?

Congratulations with the build, seems great.

Jesse Pinkman - May 3, 2017, 2:18 pm

(May 3, 2017 02:16 PM)Kinguin Wrote: [\[CITE\]](#) Is this included the power cost?

Also, how much do you spend each day on electricity running it?

Congratulations with the build, seems great. For the next 6 months my electricity is included in my rent, so I have no extra cost to worry about. I shall worry about this when I have to pay on my own haha

'Ben - May 3, 2017, 2:18 pm

It's a lot quieter than I thought it was going to be. What was the total cost to set it up?

Iridian - May 3, 2017, 2:20 pm

Did you BIOS mod them yet? I'm going to be building a mining rig soon, probably will be getting 6 rx 470s or 570s. They both have same performance, 570 is more power efficient

Patzan - May 3, 2017, 2:53 pm

Looking very very cool! I might think about setup my own rig, but it is unlikely to be.

How much time it takes you to mine 1 ETH coin?

And what address you're mining to?

That Poppy - May 3, 2017, 3:03 pm

(May 3, 2017 02:14 PM)Jesse Pinkman Wrote: [\[CITE\]](#) The cost was right around 1900\$ (I re-invested my BTC earnings to diversify)

I estimate between 6-8 months, hopefully sooner if the price keeps soaring!

As of now ill be making between 10-12\$ a day.

Some ppl saying you should mine smth else which is more profitable.

But I think you should mine eth, right now it's 10-12 a day, but if you hold on to those and ETH price doubles it basically means you mined 20-24 a day :^)
yussss

Nice rig dude

420coupe - May 3, 2017, 3:04 pm

interesting...posting to view later

PoLoW - May 3, 2017, 3:04 pm

That's so much motivation dude, do you mind listing your rig parts names ? I might build one just like yours.

Congrats and wish you best of luck

Tohka - May 3, 2017, 7:32 pm

What cpu are you using? Saw that you had a z170 mb. Also, prob gonna build one like this once I get enough money since it looks pricey af.

kpown - May 3, 2017, 7:37 pm

I would love to do something like this but I have no money..... :(

Hopefully i can make some money with my altcoin investments

somenormalguy - May 3, 2017, 7:39 pm

(May 3, 2017 02:10 PM)Mr. Robot Wrote: [\[CITE\]](#) Damn dude, you should definitely look at other coins too - possibly check out <https://hackforums.net/showthread.php?tid=5297703>

It mines the most profitable at the time and would be chill
lol minergate ? sucks
usually they eat 3 to 4 MH/s

DarkButBright - May 3, 2017, 7:41 pm

365/2=182.5

182 days of free electricity

mining rate remains the same

182*10=1820 within the 6 months (Return of capital in a sense)

Look at the growth giving coming months there will be more hype announcements etc

You could assume the 1820 turns to an easy 2k with the growth in 6 months after that your holding about 2k for the additional 6 months (annual)

This is actually a good investment

In my opinion I think in terms of profits your looking at an easy 2k this year.Thats not considering huge growth(SPIKES).

My math and etc may be off in the long run the next six months are useless in terms of profit of straight mining 10-12 a day just leave it on and you will pocket.The growth of ethereum is where your real profits will come!

somenormalguy - May 3, 2017, 7:47 pm

(May 3, 2017 02:08 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Hey HF, what do you think of this rig I slopped together in about 4 days?

[Video: https://www.youtube.com/watch?v=4ni4CUouy_o]

The 500 series for the Sapphire graphics cards are basically brand new, so these cards are top of the line right now!!

123(ish) mh/s without overclocking (and only 5/6 gpus running).

If you'd like to see my earnings with the current rig, you can here:

<https://eth.nanopool.org/account/0x5b0d2ba411f79f142a3e0bc4fa9d152c55ac8421>

temperature 74C is too high

increase fan speed to 100% then it should be down to 63C to 65C

and OC may also increase 3.5 to 4 Mh/s

Jesse Pinkman - May 3, 2017, 11:01 pm

(May 3, 2017 07:41 PM)DarkButBright Wrote: [\[CITE\]](#) 365/2=182.5

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mining rate remains the same

$182 \times 10 = 1820$ within the 6 months (Return of capital in a sense)

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This is actually a good investment

In my opinion I think in terms of profits your looking at an easy 2k this year. Thats not considering huge growth(SPIKES).

My math and etc may be off in the long run the next six months are useless in terms of profit of straight mining 10-12 a day just leave it on and you will pocket. The growth of ethereum is where your real profits will come! This. This right here was 100% the thought process. I felt comfortable enough due to those simple reasons!

L A S S 3 - May 4, 2017, 12:26 am

Nice rig, I hope everything works out, so you end up with profit.

CloUd - May 4, 2017, 12:43 am

Why not get the RX 580, and what make of the RX 570 did you get I couldn't find any that looked like the ones in your video

Also, can you list all the parts that went into making this rig that you haven't said yet

Net - May 4, 2017, 12:59 am

Have to say, that is one sweet rig. Does it take alot of computer knowledge to build one? Im thinking of building myself one with old computer parts.

Jesse Pinkman - May 4, 2017, 6:03 am

(May 4, 2017 12:59 AM)Vittorio Antonio Scaletta Wrote: [\[CITE\]](#) Have to say, that is one sweet rig. Does it take alot of computer knowledge to build one? Im thinking of building myself one with old computer parts. This is the first computer I had built. Its very easy.

(May 4, 2017 12:43 AM)CloUd Wrote: [\[CITE\]](#) Why not get the RX 580, and what make of the RX 570 did you get I couldn't find any that looked like the ones in your video

Also, can you list all the parts that went into making this rig that you haven't said yet I think the 580's were way more money (I forget why I didnt use them). I have also provided a detailed list in my original post of the parts.

Skidy - May 4, 2017, 7:51 am

What program do you use to mine?

What pool are you using?

How much did your rig cost you in total?

How did you know the parts you purchased were the best for what you are trying to achieve?

'Ben - May 4, 2017, 8:11 am

(May 3, 2017 07:47 PM)somenormalguy Wrote: [\[CITE\]](#) temperature 74C is too high increase fan speed to 100% then it should be down to 63C to 65C and OC may also increase 3.5 to 4 Mh/s 74c is perfectly fine.

Lumbridge - May 4, 2017, 8:15 am

How much was the total cost for this rig? How long do you estimate to make your initial investment back and start profiting?

FaberCastell - May 4, 2017, 8:38 am

I've heard someone say 500 series are not worth it yet. Do you know anything about this. Did you buy them because they are newer?

?D?vi??c?t?™ - May 4, 2017, 8:40 am

How the hell do you build a rig like this? Where did you learn OP?

Jesse Pinkman - May 4, 2017, 8:42 am

(May 4, 2017 08:38 AM)FaberCastell Wrote: [\[CITE\]](#) I've heard someone say 500 series are not worth it yet. Do you know anything about this. Did you buy them because they are newer?There are serious issues with drivers right now with the 500 series... Its really a pain in my ass.

'Ben - May 4, 2017, 9:16 am

(May 4, 2017 08:40 AM)?D?vi??c?t?™ Wrote: [\[CITE\]](#) How the hell do you build a rig like this? Where did you learn OP?

There are two pretty good sites that explain everything, Google & YouTube. You should check them out

You don't need to be a rocket science to build a computer.

(May 4, 2017 08:42 AM)Jesse Pinkman Wrote: [\[CITE\]](#) There are serious issues with drivers right now with the 500 series... Its really a pain in my ass.

To be expected with new cards, shouldn't be long before it's sorted

Jesse Pinkman - May 4, 2017, 10:10 am

(May 4, 2017 08:40 AM)?D?vi??c?t?™ Wrote: [\[CITE\]](#) How the hell do you build a rig like this? Where did you learn OP?I have a creative mind, I'm a do-it kinda guy. I love building things. I pick something I know little-nothing about, and take up a project to learn. This project was building a bad-fucking-ass computer.

Viralboost.io - May 4, 2017, 10:57 am

Looks good, but to be honest i would have saved some money on the SSD and on your Mobo. Since day 1 i stick to the (cheap) ASrock Mobo's which support up to 6 GPU's. Some tips to save even more money is to buy second hand GPU's trough Craigslist Or E-bay.

Anyhow, congratulations on your setup!

Skidy - May 4, 2017, 11:16 am

(May 4, 2017 10:10 AM)Jesse Pinkman Wrote: [\[CITE\]](#) I have a creative mind, I'm a do-it kinda guy. I love building things. I pick something I know little-nothing about, and take up a project to learn. This project was building a bad-fucking-ass computer.

How did you know the parts you purchased will do the best job for the price?

SirNoobHack - May 4, 2017, 12:47 pm

500 series draw to much power per megahash and the driver s*ck dick like always when amd launch a new gpu. I'm pretty sure they'll be very nice in the future.I'm building my own rig but haven't bought

any GPUs yet, looking for the cheapest price (I'm in europe). I'll probably go with the RX 480 NITRO+ 4GB or RX 470 NITRO+ 8GB, both are kick ass.

Tip: use www.whattomine.com to see what is most profitable. Cheers and good luck!

Also, why aluminum? It conducts electricity and is more expensive than wood. I built my case out of wood which cost me \$3 ?

Jesse Pinkman - May 4, 2017, 4:59 pm

Quick update:

After messing with two different drivers and creating some shitty ass hybrid driver: I was able to get the 6th card up and running for a total of 147 mh/s!

Rhinemann - May 5, 2017, 12:48 am

Nice rig man, ETH is definitely worth mining at the moment. I'm currently mining at 198MH/s with 5 machines, I was running 9 machines and almost hitting 400 but 4 got suspended, in the progress of rebooting them now.

poisson - May 5, 2017, 12:51 am

Your room must get toasty!

Jesse Pinkman - May 5, 2017, 5:35 am

(May 5, 2017 12:48 AM)Eobard Thawne Wrote: [\[CITE\]](#) Nice rig man, ETH is definitely worth mining at the moment. I'm currently mining at 198MH/s with 5 machines, I was running 9 machines and almost hitting 400 but 4 got suspended, in the progress of rebooting them now.

Wow! Did you overclock?

Rhinemann - May 5, 2017, 4:07 pm

(May 5, 2017 05:35 AM)Jesse Pinkman Wrote: [\[CITE\]](#) Wow! Did you overclock?

No I'm not running physical machines, Azure has 2x M60s for £1500 a month which you can build. I have over 160 bizspark accounts which get free \$150 azure credit every month and I've only just started to get interested in mining.

These are just test run machines and it's going pretty well with a constant 33.3MH/s each machine.

SirNoobHack - May 6, 2017, 1:11 am

(May 5, 2017 04:07 PM)Naiked Wrote: [\[CITE\]](#) No I'm not running physical machines, Azure has 2x M60s for £1500 a month which you can build. I have over 160 bizspark accounts which get free \$150 azure credit every month and I've only just started to get interested in mining.

These are just test run machines and it's going pretty well with a constant 33.3MH/s each machine. How the hell did you get 160 accounts? 160 different companies?
Good work haha.

Triksiukas - May 6, 2017, 3:19 am

Nice, i am thinking about start mining too, but i would like to know how much you paying for electricity. maybe you could tell me?

Jesse Pinkman - May 6, 2017, 7:38 am

(May 6, 2017 03:19 AM)Triksiukas Wrote: [\[CITE\]](#) Nice, i am thinking about start mining too, but i

would like to know how much you paying for electricity. maybe you could tell me?Electricity is a big factor you have to figure out the cost analysis yourself. For me I get 'free' electricity.

Triksiukas - May 6, 2017, 9:03 am

(May 6, 2017 07:38 AM)Jesse Pinkman Wrote: [\[CITE\]](#) Electricity is a big factor you have to figure out the cost analysis yourself. For me I get 'free' electricity.
then what is kw/h? or you don't know?

Skidy - May 6, 2017, 9:06 am

(May 6, 2017 07:38 AM)Jesse Pinkman Wrote: [\[CITE\]](#) Electricity is a big factor you have to figure out the cost analysis yourself. For me I get 'free' electricity.
What material is your rig frame made out of? Looking for some in a diy store.
How did you go about making the frame for the rig?

y.flicka - May 6, 2017, 9:06 am

I am not good with mining and all that but is it really worth it?

Jesse Pinkman - May 6, 2017, 9:28 am

(May 6, 2017 09:06 AM)y.flicka Wrote: [\[CITE\]](#) I am not good with mining and all that but is it really worth it?It's a calculated risk, a very risky calculated risk. Are you willing to loose the 2000\$ you invest?

Skidy - May 6, 2017, 9:34 am

(May 6, 2017 09:28 AM)Jesse Pinkman Wrote: [\[CITE\]](#) It's a calculated risk, a very risky calculated risk. Are you willing to loose the 2000\$ you invest?
Its less of a risk than investing.

tcsh - May 6, 2017, 9:38 am

(May 6, 2017 09:28 AM)Jesse Pinkman Wrote: [\[CITE\]](#) It's a calculated risk, a very risky calculated risk. Are you willing to loose the 2000\$ you invest?
Also technically you're not loosing the 2k, since if you fail miserably you could always get SOME of the money back by selling the equipment.
Mind elaborating on your 'free' electricity? :-)

Jesse Pinkman - May 6, 2017, 10:09 am

Update with a new video with the 6th card up and running along with a quick bios mod:
[Video: <https://www.youtube.com/watch?v=YLSRBhzuyHA>]

Tohka - May 6, 2017, 11:31 am

(May 6, 2017 10:09 AM)Jesse Pinkman Wrote: [\[CITE\]](#) Update with a new video with the 6th card up and running along with a quick bios mod:
[Video: <https://www.youtube.com/watch?v=YLSRBhzuyHA>]
How come you order a z170 board? Only question I have when you could've bought a cheaper board.

Also, might get this same setup once I get my dad to invest :3

Jesse Pinkman - May 6, 2017, 11:38 am

(May 6, 2017 11:31 AM)Tohka Wrote: [\[CITE\]](#) How come you order a z170 board? Only question I have when you could've bought a cheaper board.

Also, might get this same setup once I get my dad to invest :3Because if / when it pays itself off I'm going to turn it into a gaming computer :)

CULTSWEGMAFIA - May 6, 2017, 11:41 am

That's awesome. Good luck with mining.

PoLoW - May 7, 2017, 11:24 am

You could have picked cheaper PSU OP, i think you picked an overpriced one ?

Also i can't find 6 RX 570 GPUs on amazon.com can you recommend another GPU that's available on Amazon ?

Skidy - May 7, 2017, 11:26 am

(May 7, 2017 11:24 AM)PoLoW Wrote: [\[CITE\]](#) You could have picked cheaper PSU OP, i think you picked an overpriced one ?

Also i can't find 6 RX 570 GPUs on amazon.com can you recommend another GPU that's available on Amazon ?

R9 380x

Jesse Pinkman - May 7, 2017, 11:36 am

(May 7, 2017 11:24 AM)PoLoW Wrote: [\[CITE\]](#) You could have picked cheaper PSU OP, i think you picked an overpriced one ?

Also i can't find 6 RX 570 GPUs on amazon.com can you recommend another GPU that's available on Amazon ?It seems there is extreme demand for GPUs like this. Damn.

PoLoW - May 7, 2017, 11:36 am

(May 7, 2017 11:26 AM)Skidy Wrote: [\[CITE\]](#) R9 380xtotally noob with rig setups, there's a lot of options "Gaming\OC\Armor etc" and most of the GPUs are used :/

poisson - May 7, 2017, 11:54 am

I've been thinking of building a mining rig. However, with an ROI of what seems like 8-10 months on RX 5xx, I think I'm gonna wait for AMD's Vega series. Should be released here in 1-2 months.

Jesse Pinkman - May 7, 2017, 1:26 pm

(May 7, 2017 11:54 AM)poisson Wrote: [\[CITE\]](#) I've been thinking of building a mining rig. However, with an ROI of what seems like 8-10 months on RX 5xx, I think I'm gonna wait for AMD's Vega series. Should be released here in 1-2 months.The price of those cards like like they are going to be 800-1200\$ thats so much more than these 250\$ cards.

EazyZz - May 7, 2017, 1:28 pm

(May 3, 2017 02:08 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Hey HF, what do you think of this rig I slopped together in about 4 days?

The 500 series for the Sapphire graphics cards are basically brand new, so these cards are top of the line right now!!

24 mh/s each card without overclocking
~30 mh/s with modded bios.

This is freaking sweet dude! making \$10-\$12 bucks a day on a bad day and this is the first system you have put together, bravo!

When I get the funds I plan on doing the same if my calculations are in my favor b/c of electricity I pay. However, even if I only make \$5/day net it is still a valuable asset and kinda of trading \$ with edison for ETH coins for free :P

poisson - May 7, 2017, 2:47 pm

(May 7, 2017 01:26 PM)Jesse Pinkman Wrote: [\[CITE\]](#) The price of those cards like like they are going to be 800-1200\$ thats so much more than these 250\$ cards.

Considering the Firestrike benchmarks were comparable to those of the GTX 1070 (which are currently ~\$400), I do not think that is the case. If the Vega series is to release a card that directly competes with the 1080 Ti, it might be \$800 MAX.

Either way, I don't think the top Vega card will be needed. If its lineup is anything like the 5xx series, the difference between the 570 and 580 will be nothing more than an increase to base clock speeds. Just buying the cheapest card with the highest mem bandwidth/bus width will suffice for the purpose of mining ETH. Furthermore, I definitely think the price/hash ratio will be much better for Vega to their supposed improvements in memory architecture w/ HBM2.

Jesse Pinkman - May 8, 2017, 4:50 pm

Just mined my first full Ethereum!!

Mr. Robot - May 8, 2017, 4:52 pm

Hey nice dude, you should take a look at mining other coins.

You'll earn more now, but Eth might be better in the long run.

Marv48 - May 8, 2017, 4:56 pm

This is dope, I just messaged you about it. Congrats man you're getting nice return.

SIM-3257834 - May 8, 2017, 5:00 pm

I'm just mining with a single RX 580 just to make pocket change and play around with mining. Doesn't hurt me a bit since electricity is included with my dorm for free. I'm just hoping one day I don't come home to a PSU or capacitor that has exploded.

itsmemario - May 8, 2017, 5:02 pm

Tempted to setup a rig Purley for new coins only so I'm not investing hundred bucks into shitcoins

SIM-3323508 - May 8, 2017, 5:08 pm

I calculate \$18.43/day at 170MH/s

You built yours for \$1900, I think I'm gonna bite the bullet and buy a premade one for \$2500 tomorrow tbh.

Mr. Robot - May 9, 2017, 10:44 am

I currently value your daily income at \$30 a day on monero.

Stealth™ - May 9, 2017, 11:42 am

(May 8, 2017 05:08 PM)MoneyManeLaFlare Wrote: [\[CITE\]](#) I calculate \$18.43/day at 170MH/s

You built yours for \$1900, I think I'm gonna bite the bullet and buy a premade one for \$2500 tomorrow tbh.

You can build one yourself for a cheaper price.

'Ben - May 9, 2017, 12:30 pm

(May 9, 2017 11:42 AM)Stealth™ Wrote: [\[CITE\]](#) You can build one yourself for a cheaper price.

I have said that to him but some people just like to plug things in and have them work right away, nothing wrong with it

Personally if I can save money by doing something myself, I will

Apocryphon - May 9, 2017, 12:56 pm

You made 0.14 ETH since you started? That's just \$12

TheNaked - May 9, 2017, 12:57 pm

(May 9, 2017 12:56 PM)Apocryphon Wrote: [\[CITE\]](#) You made 0.14 ETH since you started? That's just \$12

That's since last payout ?

Apocryphon - May 9, 2017, 1:05 pm

(May 9, 2017 12:57 PM)TheNaked Wrote: [\[CITE\]](#) That's since last payout ?

Ohh my bad, so over 1.14 ETH since the start.

tcsh - May 9, 2017, 1:25 pm

Sorry if this seems like a dumb question, I'm entirely new to crypto and still reading about it, but:

If you invested \$1900 in that rig, and you dish out 172mh/s - why not buy one of those ASICS, I see one at \$500 which dishes out, supposedly, 4.73Th/s

mh = millions and th = trillions right? So wouldn't using an ASICS be more profitable?

Or am I missing something? It's that script coin thingy, right?

K???er - May 9, 2017, 1:28 pm

Maybe this is a stupid question, but how did you manage to add 6 GPU's to that motherboard? It only has 3 PCI-e x16 slots?

'Ben - May 9, 2017, 1:52 pm

(May 9, 2017 01:25 PM)tcsh Wrote: [\[CITE\]](#) Sorry if this seems like a dumb question, I'm entirely new to crypto and still reading about it, but:

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SHA-256 & Scrypt

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Use riser cards

Jesse Pinkman - May 9, 2017, 2:07 pm

(May 9, 2017 01:25 PM)tcsh Wrote: [\[CITE\]](#) Sorry if this seems like a dumb question, I'm entirely new to crypto and still reading about it, but:

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mh = millions and th = trillions right? So wouldn't using an ASICS be more profitable?

Or am I missing something? It's that script coin thingy, right?

Good question! Ethereum mining is GPU based only, asic cannot be used to mine ETH.

(May 9, 2017 01:28 PM)K???er Wrote: [\[CITE\]](#) Maybe this is a stupid question, but how did you manage to add 6 GPU's to that motherboard? It only has 3 PCI-e x16 slots?My motherboard has 7 PCIe slots, and like the user Ben said... risers.

tcsh - May 9, 2017, 2:59 pm

(May 9, 2017 01:52 PM)Ben Wrote: [\[CITE\]](#) SHA-256 & Scrypt

Use riser cards

(May 9, 2017 02:07 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Good question! Ethereum mining is GPU based only, asic cannot be used to mine ETH.

My motherboard has 7 PCIe slots, and like the user Ben said... risers.

Gotcha, thanks guys.

Tee Plow - May 18, 2017, 2:04 am

hey man

next week i will be buying x6 RX 570 4GB Sapphire NITRO+

and i would like you to upload the bios MOD that u used + a screenshot of your overclock config please !

That Poppy - May 18, 2017, 2:16 am

I'm just here staking strats with my raspberry Pi

Jesse Pinkman - May 18, 2017, 12:39 pm

(May 18, 2017 02:04 AM)Tee Plow Wrote: [\[CITE\]](#) hey man

next week i will be buying x6 RX 570 4GB Sapphire NITRO+

and i would like you to upload the bios MOD that u used + a screenshot of your overclock config please !Idk if I wanna do that, it was a lot of work to tune them perfectly.

Tee Plow - May 18, 2017, 2:56 pm

(May 18, 2017 12:39 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Idk if I wanna do that, it was a lot of work to tune them perfectly.

ok bro np ?

good luck with mining

ShadowH - May 29, 2017, 9:37 pm

I've 35 Core 2 duo @ 2.33 GHz computers with 4 GB Ram on each. No Gpus. + Free electricity.

Is there anything I could mine? :D

Zuse - May 30, 2017, 1:15 am

I'm confused... at 172 Mh/s you should be making \$900+ a month, am I missing something?

<https://www.cryptocompare.com/mining/calculator/eth?HashingPower=172&HashingUnit=MH%2Fs&PowerConsumption=0&CostPerkWh=0.1>

thales - May 30, 2017, 1:19 am

(May 30, 2017 01:15 AM)Z?ro Wrote: [\[CITE\]](#) I'm confused... at 172 Mh/s you should be making \$900+ a month, am I missing something?

<https://www.cryptocompare.com/mining/calculator/eth?HashingPower=172&HashingUnit=MH%2Fs&PowerConsumption=0&CostPerkWh=0.1> Electricity expenses for starters. You have it as 0 Watts of power consumption.

edit: Didn't see was covered for electricity.

kooper87 - May 30, 2017, 1:55 am

nice one Jesse, just wondering where did you buy the frame for that rig?

'Ben - May 30, 2017, 2:16 am

(May 30, 2017 01:15 AM)Z?ro Wrote: [\[CITE\]](#) I'm confused... at 172 Mh/s you should be making \$900+ a month, am I missing something?

<https://www.cryptocompare.com/mining/calculator/eth?HashingPower=172&HashingUnit=MH%2Fs&PowerConsumption=0&CostPerkWh=0.1>

At the time of making this thread, ETH wasn't \$209/coin.

Zuse - May 30, 2017, 3:21 am

(May 30, 2017 02:16 AM)Ben Wrote: [\[CITE\]](#) At the time of making this thread, ETH wasn't \$209/coin. Yea but he's only mined 1 ETH so far? That's way to slow, he should be mining 4-5 ETH a month

NA Riven - May 30, 2017, 3:32 am

Damn looks sick. How much you get a day? 40?

05317832892 - May 30, 2017, 3:35 am

<http://prntscr.com/fdrbtr>

I have the 580s can I leave out the six pin as well?

Definition - May 30, 2017, 3:37 am

cant get ethminer working keep getting json errors

makawan - May 30, 2017, 3:39 am

(May 30, 2017 03:21 AM)Z?ro Wrote: [\[CITE\]](#) Yea but he's only mined 1 ETH so far? That's way to slow, he should be mining 4-5 ETH a month

He got paid 4.2 eth from may 4th to may 25th. Just checked the payment

weeding - May 30, 2017, 4:59 am

(May 30, 2017 03:35 AM)ROOTED Wrote: [\[CITE\]](#) <http://prntscr.com/fdrbtr>

I have the 580s can I leave out the six pin as well?

Which brand of cards do you have? if you undervolt to get under 125W power and have reasonable PCI-E power you should be fine with just the 8 pin or 8 pin and adapter for the 6 pin

05317832892 - May 30, 2017, 6:46 am

(May 30, 2017 04:59 AM)weeding Wrote: [\[CITE\]](#) Which brand of cards do you have? if you undervolt to get under 125W power and have reasonable PCI-E power you should be fine with just the 8 pin or 8 pin and adapter for the 6 pin

I got a 1000W supply, thinking it might now be enough, the sapphire nitro 8gb RX 580.

'Ben - May 30, 2017, 7:27 am

(May 30, 2017 03:21 AM)Z?ro Wrote: [\[CITE\]](#) Yea but he's only mined 1 ETH so far? That's way to slow, he should be mining 4-5 ETH a month

He is mining 4-5 Eth a month.. Where did you get that he has only mined 1 Eth from?

Jesse Pinkman - May 30, 2017, 8:25 am

(May 30, 2017 01:55 AM)kooper87 Wrote: [\[CITE\]](#) nice one Jesse, just wondering where did you buy the frame for that rig?I made it! 2 10 foot lengths of aluminum trim!

(May 30, 2017 01:15 AM)Z?ro Wrote: [\[CITE\]](#) I'm confused... at 172 Mh/s you should be making \$900+ a month, am I missing something?

<https://www.cryptocompare.com/mining/calculator/eth?HashingPower=172&HashingUnit=MH%2Fs&PowerConsumption=0&CostPerkWh=0.1> Your math sir, would be correct.

(May 30, 2017 03:35 AM)ROOTED Wrote: [\[CITE\]](#) <http://prntscr.com/fdrbtr>

I have the 580s can I leave out the six pin as well? Yes! I only use the 8 pin and bridge the cards.

05317832892 - May 30, 2017, 9:55 am

(May 30, 2017 08:25 AM)Jesse Pinkman Wrote: [\[CITE\]](#) I made it! 2 10 foot lengths of aluminum trim!

Your math sir, would be correct.

Yes! I only use the 8 pin and bridge the cards.

Bridge?

???? Shana - May 30, 2017, 10:12 am

What are your bios settings to get 30MH/s?

Jesse Pinkman - May 30, 2017, 10:56 am

(May 30, 2017 09:55 AM)ROOTED Wrote: [\[CITE\]](#) Bridge? One cable powers two cards. There is a split at the end.

(May 30, 2017 10:12 AM)???? Shana Wrote: [\[CITE\]](#) What are your bios settings to get 30MH/s? The best bios settings.

Zuse - May 30, 2017, 1:58 pm

How much has your electrical bill gone up by? You're mining 24/7 right?

CloUd - May 30, 2017, 2:08 pm

almost done with my rig:D

05317832892 - May 30, 2017, 2:25 pm

Out of the box my 580 was doing 22.5MH, fucked with the bios and now it's doing 28MH, just ordered 4 RX 470s.

Jesse Pinkman - May 30, 2017, 3:28 pm

(May 30, 2017 01:58 PM)Z?ro Wrote: [\[CITE\]](#) How much has your electrical bill gone up by? You're mining 24/7 right? Utilities are included in my monthly rent. So I don't mind.

Zuse - May 31, 2017, 12:28 am

(May 30, 2017 03:28 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Utilities are included in my monthly rent. So I don't mind.

I was asking for myself, to see if I want to build a mining rig, do you know the exact amount? Or around it?

05317832892 - May 31, 2017, 1:26 am

(May 30, 2017 03:28 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Utilities are included in my monthly rent. So I don't mind.

What temp do you have your gpus running at?

Banadmin - May 31, 2017, 1:28 am

Nice rig, dude. I'll be keeping track of your earnings. ?

Verilog - June 1, 2017, 1:43 pm

(May 31, 2017 12:28 AM)Z?ro Wrote: [\[CITE\]](#) I was asking for myself, to see if I want to build a mining rig, do you know the exact amount? Or around it?

Interested in the same question myself.

SIM-1939868 - June 1, 2017, 1:55 pm

(May 30, 2017 03:28 PM)Jesse Pinkman Wrote: [\[CITE\]](#) Utilities are included in my monthly rent. So I don't mind. Hmm, don't you have a fair use policy on your electricity?

webdev77 - June 1, 2017, 2:43 pm

Question for you people with mining rigs. Are any of you successfully running 6 RX480s/580s on a 1000W power supply?

I'm thinking I should just spend the money and get a 1200W or 1300W supply, but if that would be a waste, obviously I won't spend the extra \$75 for the higher PSU. I'm looking at Gold or above ratings on SeaSonic and Corsair HX series.

Autist - June 1, 2017, 6:13 pm

How much have you made from this rig?

Cryptic™ - June 1, 2017, 7:07 pm

If someone were to buy the same setup op has would it be worth it mining ETH for the next 6 months or so?

How quick does the difficulty rise?

Delores - June 1, 2017, 7:12 pm

if you had to guess how much would this cost a month in electricity

Mr. Robot - June 1, 2017, 7:16 pm

(Jun 1, 2017 07:07 PM)Cryptic™ Wrote: [\[CITE\]](#) If someone were to buy the same setup op has would it be worth it mining ETH for the next 6 months or so?

How quick does the difficulty rise?

Not sure if the link he provided shows his total mined but his address (if it's the total mined is here)

<https://etherscan.io/address/0x5b0d2ba411f79f142a3e0bc4fa9d152c55ac8421>

Overview

ETH Balance: 4.47075455621059088 Ether

ETH USD Value: \$1,006.28 (@ \$225.08/ETH)

So \$1,000 if that's correct since 05-04-2017

So almost 1 month exactly for \$1k but we have to remember Eths price has gone up during that time so that's always nice.

If you look at his part list, you should be able to get the power usage calculated and valued against your current prices.

Hulahoops - June 1, 2017, 7:19 pm

Great work on the rig! It seems like a fun little project. I really wish I had the time and free electricity to start something like this. In the mean time I think I'll just stick to mining my coins through day trading haha.

Cryptic™ - June 1, 2017, 7:38 pm

(Jun 1, 2017 07:16 PM)Mr. Robot Wrote: [\[CITE\]](#) Not sure if the link he provided shows his total mined but his address (if it's the total mined is here)

<https://etherscan.io/address/0x5b0d2ba411f79f142a3e0bc4fa9d152c55ac8421>

Overview

ETH Balance: 4.47075455621059088 Ether

ETH USD Value: \$1,006.28 (@ \$225.08/ETH)

So \$1,000 if that's correct since 05-04-2017

So almost 1 month exactly for \$1k but we have to remember Eths price has gone up during that time so that's always nice.

If you look at his part list, you should be able to get the power usage calculated and valued against your current prices. He's mining 0.2 eth a day right now. But as the difficulty rises that will decline over time.

How fast will it decline?

Power is basically free where I live, it's a fixed price included in the rent

Mr. Robot - June 1, 2017, 7:42 pm

(Jun 1, 2017 07:38 PM)Cryptic™ Wrote: [\[CITE\]](#) He's mining 0.2 eth a day right now. But as the difficulty rises that will decline over time.

How fast will it decline?

Power is basically free where I live, it's a fixed price included in the rent

Not sure but I am sure if you get in now, you will profit. Just no idea on how much -- especially with eth rising.

PoLoW - June 1, 2017, 8:04 pm

(Jun 1, 2017 02:43 PM)webdev77 Wrote: [\[CITE\]](#) Question for you people with mining rigs. Are any of you successfully running 6 RX480s/580s on a 1000W power supply?

I'm thinking I should just spend the money and get a 1200W or 1300W supply, but if that would be a waste, obviously I won't spend the extra \$75 for the higher PSU. I'm looking at Gold or above ratings on SeaSonic and Corsair HX series.

OP managed to run 6x rx 570 with 1200w psu, i would suggest that you go with corsair 1200 just in case your motherboard can handle more than 6 gpus no need for another psu unit.

Comic Books - June 1, 2017, 8:25 pm

I am planning on making my own rig as well. Just ordered 6x 580s but they are backordered where I et them

Jesse Pinkman - June 1, 2017, 9:54 pm

The reward went from .21 a day when I began mining all the way down to .129 / day. Crazy network hash rate increase!

Chique - June 1, 2017, 11:08 pm

Aslong as you make back what you put into it, it's worth it.

Nice rig man.

Comic Books - June 2, 2017, 4:56 am

(Jun 1, 2017 09:54 PM)Jesse Pinkman Wrote: [\[CITE\]](#) The reward went from .21 a day when I began mining all the way down to .129 / day. Crazy network hash rate increase!

You can always GPU mine other currencies however. Its a great investment long term so long as you keep up with it.

NonLeaf - June 2, 2017, 5:16 am

You've said that you invested around 1,900\$ to build this rig, right? The ETH has been rising so far and you've got 1,006\$ in 1 month. How do you feel it'll go in the future? I can see yourself gaining some real money with this. Well done buddy.

webgoat - June 2, 2017, 5:54 am

How much do you pay for electricity?

Jesse Pinkman - June 2, 2017, 9:00 am

(Jun 2, 2017 05:16 AM)NonLeaf Wrote: [\[CITE\]](#) You've said that you invested around 1,900\$ to build this rig, right? The ETH has been rising so far and you've got 1,006\$ in 1 month. How do you feel it'll go in the future? I can see yourself gaining some real money with this. Well done buddy. This is correct!!

'Ben - June 2, 2017, 9:12 am

(Jun 2, 2017 05:16 AM)NonLeaf Wrote: [\[CITE\]](#) You've said that you invested around 1,900\$ to build this rig, right? The ETH has been rising so far and you've got 1,006\$ in 1 month. How do you feel it'll go in the future? I can see yourself gaining some real money with this. Well done buddy.

Once Ethereum becomes PoS, mining wont be possible.

?ULL - June 2, 2017, 9:30 am

(Jun 2, 2017 09:12 AM)Ben Wrote: [\[CITE\]](#) Once Ethereum becomes PoS, mining wont be possible. And altcoins will fucking boom.

NonLeaf - June 2, 2017, 9:57 am

I've got a friend that has a rig of 46 ATI RX 580 and he's saying that he mines 1 ETH/day. He's fucking hot in the place that he has it, trying to get it refrigerated now. He want's to implement more but It's fucking out of stock everywhere on Europe.

'Ben - June 2, 2017, 10:33 am

(Jun 2, 2017 09:30 AM)?ULL Wrote: [\[CITE\]](#) And altcoins will fucking boom.

Maybe, I also just read that PoS won't instantly happen. It will be something that gradually takes effect over a period of time which could be from months to years, which is interesting as I didn't actually know there. For what I read, people make it sound like it would happen immediately.

(Jun 2, 2017 09:57 AM)NonLeaf Wrote: [\[CITE\]](#) I've got a friend that has a rig of 46 ATI RX 580 and he's saying that he mines 1 ETH/day. He's fucking hot in the place that he has it, trying to get it refrigerated now. He want's to implement more but It's fucking out of stock everywhere on Europe. He should be mining around 1.5 ETH/Day with 46 cards.

?D?vi??c?t?™ - June 2, 2017, 11:14 am

Start lending out your ETH, just extra buck whilst you are mining

05317832892 - June 2, 2017, 11:17 am

(Jun 2, 2017 10:33 AM)Ben Wrote: [\[CITE\]](#) Maybe, I also just read that PoS won't instantly happen. It

will be something that gradually takes effect over a period of time which could be from months to years, which is interesting as I didn't actually know there. For what I read, people make it sound like it would happen immediately.

He should be mining around 1.5 ETH/Day with 46 cards.

Assuming he mines at 28MH which is what I get on those cards with a bios mod, he gets 0.02241 ETH/day/card

Multiply that by 46 and you get 1.03086 ETH/day.

When you factor in power costs i'd say he is earning around \$195/day.

poisson - June 2, 2017, 12:09 pm

(Jun 1, 2017 09:54 PM)Jesse Pinkman Wrote: [\[CITE\]](#) The reward went from .21 a day when I began mining all the way down to .129 / day. Crazy network hash rate increase!

I mean the price of ETH has been increasing faster than the difficulty.

Jesse Pinkman - June 2, 2017, 5:44 pm

(Jun 2, 2017 12:09 PM)poisson Wrote: [\[CITE\]](#) I mean the price of ETH has been increasing faster than the difficulty.This is true!

I'm officially putting my rig up for sale. Inquire accordingly!

NonLeaf - June 3, 2017, 10:00 am

(Jun 2, 2017 10:33 AM)Ben Wrote: [\[CITE\]](#) He should be mining around 1.5 ETH/Day with 46 cards. He has it clocked at 27.

Have ~1200 mh/s last time I asked him.

(Jun 2, 2017 11:17 AM)ROOTED Wrote: [\[CITE\]](#) Assuming he mines at 28MH which is what I get on those cards with a bios mod, he gets 0.02241 ETH/day/card

Multiply that by 46 and you get 1.03086 ETH/day.

When you factor in power costs i'd say he is earning around \$195/day.Somewhat there's no power costs. Don't know how he's doing it.

SIM-3341619 - June 3, 2017, 10:09 am

How much does a rig like this mine you in USD in say a week?

kooper87 - June 6, 2017, 3:31 pm

(Jun 2, 2017 05:44 PM)Jesse Pinkman Wrote: [\[CITE\]](#) This is true!

I'm officially putting my rig up for sale. Inquire accordingly!

You probably would make more selling the video cards alone...their sold out everywhere. Even the older ones are all sold out...people fomo'd video cards and even paid for overpriced ones...did not even consider their ROI lol.

Jesse Pinkman - June 6, 2017, 3:57 pm

(Jun 6, 2017 03:31 PM)kooper87 Wrote: [\[CITE\]](#) You probably would make more selling the video cards alone...their sold out everywhere. Even the older ones are all sold out...people fomo'd video cards and even paid for overpriced ones...did not even consider their ROI lol.Which is why my rig is worth a shit ton and I'm looking to sell.

IPIKIN - June 6, 2017, 9:07 pm

Have sent you a PM in regards to purchasing the rig.

Mintos - June 6, 2017, 10:19 pm

Also curious OP how many coins are you mining per month with this rig?

iKick - June 7, 2017, 6:15 am

How is the PSU performing? Did you have any issues with the 1200W ?

I'm thinking about building a 3 GPU rig and was wondering if a 600W will suffice or if I should go for a 700/750 W PSU. What are your thoughts OP?

Jesse Pinkman - June 7, 2017, 7:14 am

(Jun 7, 2017 06:15 AM)iKick Wrote: [\[CITE\]](#) How is the PSU performing? Did you have any issues with the 1200W ?

I'm thinking about building a 3 GPU rig and was wondering if a 600W will suffice or if I should go for a 700/750 W PSU. What are your thoughts OP?1200W has served my set up nicely! No issues thus far!

iKick - June 7, 2017, 7:51 am

(Jun 7, 2017 07:14 AM)Jesse Pinkman Wrote: [\[CITE\]](#) 1200W has served my set up nicely! No issues thus far!

Thanks for the reply! ?

I might be getting a bit off-topic here but when do you think ETH will switch to PoS? I've read several articles but they're all so vague. Most of them say somewhere in the beginning of 2018?

Also do you think that before that might happen any significant changes to mining difficulty (MH/s dropping drastically) will occur?

Computerjul - June 7, 2017, 8:00 am

There were discussion about PoS for ETH 1-2 years ago. No one knows.. i heared that they switch at the end of 2017 other people say 2018. But there are a lot of coins out there.. sia, zcash etc.. so i highly doubt that is a problem

At the moment the price of Eth increase faster than the difficulty. It will get harder to mine in future but this wont decrease ur hashes

chikos - June 7, 2017, 8:33 am

Did you buy them because they are newer?

Frukt - June 7, 2017, 2:29 pm

I don't see a total price for everything?

You have gotten 5.28 ETH from it right? That equals to around \$1350.

Tohka - June 7, 2017, 2:33 pm

(Jun 7, 2017 02:29 PM)FruktFPS Wrote: [\[CITE\]](#) I don't see a total price for everything?

You have gotten 5.28 ETH from it right? That equals to around \$1350.

He spent around \$1.9k on it. He pretty much about to pay off his rig in a month of mining.

source: <https://hackforums.net/showthread.php?tid=5614488&pid=54754385#pid54754385>

Frukt - June 8, 2017, 5:35 am

(Jun 7, 2017 02:33 PM)Tohka Wrote: [\[CITE\]](#) He spent around \$1.9k on it. He pretty much about to pay off his rig in a month of mining.

source: <https://hackforums.net/showthread.php?tid=5614488&pid=54754385#pid54754385>

Damn that's crazy, 1 month and a few days and he is almost just profit.

iKick - June 8, 2017, 7:36 am

Jesse, where did you find that (metal or aluminum I think) structure to hold the cards on? Did you build it yourself?

th3c0rrupt3d0n3 - June 8, 2017, 7:39 am

(Jun 8, 2017 07:36 AM)iKick Wrote: [\[CITE\]](#) Jesse, where did you find that (metal or aluminum I think) structure to hold the cards on? Did you build it yourself?

Probably not the ones from OP but here is one as example

<https://gpushack.com/products/gpushack-frame?variant=41304551631>

That one is extremely overpriced and yeah you should build it yourself, or pay someone locally. Hell, you can even buy a shelf from walmart and optimize for mining ?

Jesse Pinkman - June 8, 2017, 8:31 am

(Jun 8, 2017 07:36 AM)iKick Wrote: [\[CITE\]](#) Jesse, where did you find that (metal or aluminum I think) structure to hold the cards on? Did you build it yourself?

I built it in about an hour. Two 10 foot pieces of aluminum angle trim, and some railining spindle wood. Whole case cost less than 20\$ to make.

Suspicion - June 8, 2017, 8:55 am

(Jun 8, 2017 07:36 AM)iKick Wrote: [\[CITE\]](#) Jesse, where did you find that (metal or aluminum I think) structure to hold the cards on? Did you build it yourself?

Check this out, has dimensions on description:

[Video: https://www.youtube.com/watch?v=OfE_QidD75M]

itsmemario - June 8, 2017, 9:08 am

Op why would you sell your right why not mine smaller coins for more profit you've nearly paid your investment back plus free electricity why sell it! :(

casuall - June 8, 2017, 12:30 pm

I know that you are not paying electricity, but maybe you know how much electricity your rig consumes?

Jesse Pinkman - June 12, 2017, 8:01 am

4/27/2017 (day of amazon order placed for parts) ->

Today, 6/12/2017, rig is officially 'paid off'

The rig paid itself off (\$2000) in approximately 46 days!

LS RX7 - June 12, 2017, 8:18 am

I have a small mining rig set up. only 2 gpu. care to share some info about bios optimaztion. I'm mining monero and getting about 1.3kh/s. sapphire r9 290

krishatnet - *June 12, 2017, 8:20 am*
Congrats for your success