

Forum:[Hack Forums](#)

Thread: [Building Ethereum and Sia Mining RIG - Radeon Rx 580 Mining RIG](#)

CloUd - May 23, 2017, 10:20 pm

What I ordered for my rig(doining this for fun mainly):

GPU:

2x - ASUS Radeon RX 580 8GB Dual-fan OC Edition GDDR5

4x - Sapphire 11265-07-20G Radeon NITRO+ RX 580 4GB

Mobo: MSI Performance Gaming Intel Z170A LGA 1151

CPU: Intel BX80662G4400 Pentium Processor G4400 3.3

SSD: PNY CS1311 120GB 2.5"

RAM: Kingston Technology HyperX FURY Black 8 GB CL15 DIMM DDR4 2400 MT/s

PSU: Corsair HXi Series, HX1200i, 1200 Watt Platinum Certified

Casis: Rosewill 4U Server Chassis / Server Case (RSV-L4500)

(video on casis in a rig) <https://www.youtube.com/watch?v=52D2Hdd-4SU>

This my first Rig, i'm planning on Dual mining ETH and SC

My calculation is 155-165 Hash for ETH and 2000 for Sia Coin @ 950 Watts

Rig Cost 1600\$ total and im expecting 900\$ roi a month at the current difficulty, I don't pay electricity

I'll be updating the thread as I build it and get the parts running. Any questions about parts or anything let me know

Copywriter - May 23, 2017, 10:21 pm

How much will the rig cost? And when do you think you'll break even?

How much Sia do you get per month.

Gary - May 23, 2017, 10:21 pm

Looks like a similar rig I've seen IRL at some warehouse nearby lol

CloUd - May 23, 2017, 10:26 pm

(May 23, 2017 10:21 PM)Copywriter Wrote: [\[CITE\]](#) How much will the rig cost? And when do you think you'll break even?

How much Sia do you get per month.

The Rig cost me 1600\$, Im not sure exact numbers but If I don't pay electricity which i don't, it's over 900\$ profit at the current difficulty, even 1000\$ if its running 24/7, and more if the prices of eth and sia increase which they will

makawan - May 23, 2017, 11:00 pm

Why do u need that much ram if it is for mining

CloUd - May 23, 2017, 11:06 pm

(May 23, 2017 11:00 PM)makawan Wrote: [\[CITE\]](#) Why do u need that much ram if it is for mining
Better resale value, cant be too efficient or if i ever want to ever mine through cpu or hard drive

Computerjul - May 23, 2017, 11:11 pm

My desktop is:

I7-7700k
GA Z170X Gaming 7
16 GB RAM
512GB M2 NVMe SSD
R9 380 (17MH/s | 600 MH/)

Is this enough ?

I would like to order 2+ strong video cards to get at least 100MHs for Eth and at least 2000 for Sia.. but i doubt that there is enough space in my computer because i use a noctua dh15 .. what are the best choices ? :)

makawan - May 23, 2017, 11:20 pm

(May 23, 2017 11:11 PM)Computerjul Wrote: [\[CITE\]](#) My desktop is:

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GA Z170X Gaming 7
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Is this enough ?

I would like to order 2+ strong video cards to get at least 100MHs for Eth and at least 2000 for Sia.. but i doubt that there is enough space in my computer because i use a noctua dh15 .. what are the best choices ? :)

get a mining rig instead. no need to burn your computer lol

Copywriter - May 23, 2017, 11:56 pm

How the hell does everyone get free electricity?

It's gotta cost SOMEONE.

?onderland - May 24, 2017, 12:11 am

(May 23, 2017 11:56 PM)Copywriter Wrote: [\[CITE\]](#) How the hell does everyone get free electricity?

It's gotta cost SOMEONE.

Dudes making their parents pay for their bitcoin mining.??

CloUd - May 24, 2017, 12:18 am

(May 23, 2017 11:56 PM)Copywriter Wrote: [\[CITE\]](#) How the hell does everyone get free electricity?

It's gotta cost SOMEONE.

Going to make my dad pay for it, since im investing his money i told we are even. He said no but he can't stop me :D and its only for a few months till I move out

?onderland - May 24, 2017, 12:24 am

(May 24, 2017 12:18 AM)CloUd Wrote: [\[CITE\]](#) Going to make my dad pay for it, since im investing his money i told we are even. He said no but he can't stop me :D and its only for a few months till I move out

LOL! "Since I am investing his money we are even" even = Paying for the rig and power.???

Mr.Peanut - May 24, 2017, 12:24 am

(May 24, 2017 12:11 AM)Onyx_ Wrote: [\[CITE\]](#) Dudes making they parents pay for there bitcoin mining.??

Maybe.. My old apt covered the cost of electricity. I wish I took advantage of this, but I didn't..

?Enlightened - May 24, 2017, 1:13 am

(May 24, 2017 12:18 AM)CloUd Wrote: [\[CITE\]](#) Going to make my dad pay for it, since im investing his money i told we are even. He said no but he can't stop me :D and its only for a few months till I move out

He's going to kick your ass once the electricity bill comes through

CloUd - May 24, 2017, 1:29 am

(May 24, 2017 01:13 AM)?Maximus Wrote: [\[CITE\]](#) He's going to kick your ass once the electricity bill comes through

Its about 100\$ or so a month for the rig in electricity bills, if he needs the money i'll give it to him or else i'll just hold off on that;D

Gary - May 24, 2017, 1:46 am

(May 23, 2017 11:56 PM)Copywriter Wrote: [\[CITE\]](#) How the hell does everyone get free electricity? It's gotta cost SOMEONE.

Exactly lol, its parents or its building owners of wherever your shit is located.

PoLoW - May 25, 2017, 11:37 am

Nice rig setup dude, wish you all the best, but only issue i see is the GPU "ASUS Radeon RX 580" is not recommended i guess, it's not going to live much like the Sapphire. correct me if i am wrong.

makawan - May 25, 2017, 12:01 pm

(May 25, 2017 11:37 AM)PoLoW Wrote: [\[CITE\]](#) Nice rig setup dude, wish you all the best, but only issue i see is the GPU "ASUS Radeon RX 580" is not recommended i guess, it's not going to live much like the Sapphire. correct me if i am wrong.

Smh 580 is soldout online :-(

Viralboost.io - May 25, 2017, 12:28 pm

(May 23, 2017 11:56 PM)Copywriter Wrote: [\[CITE\]](#) How the hell does everyone get free electricity? It's gotta cost SOMEONE.

Probably all students in dorms

420coupe - May 25, 2017, 12:44 pm

Definitely interesting. Posting to stay updated.

TB12 - May 25, 2017, 1:22 pm

(May 23, 2017 11:56 PM)Copywriter Wrote: [\[CITE\]](#) How the hell does everyone get free electricity? It's gotta cost SOMEONE.

I should get a job at NASA and use their computers as miners. Shit ton of profit and I am sure they would be able to afford the electricity ;)

makawan - May 25, 2017, 1:24 pm

(May 25, 2017 01:22 PM)Excavated Wrote: [\[CITE\]](#) I should get a job at NASA and use their computers as miners. Shit ton of profit and I am sure they would be able to afford the electricity ;)

Then u would get fired lol. Either way, u are paying it witg taxes lel

TB12 - May 25, 2017, 1:31 pm

(May 25, 2017 01:24 PM)makawan Wrote: [\[CITE\]](#) Then u would get fired lol. Either way, u are paying

it witg taxes lel

Won't get fired if I don't get caught. What do you think I am, an amature? ;)

makawan - May 25, 2017, 1:48 pm

(May 25, 2017 01:31 PM)Excavated Wrote: [\[CITE\]](#) Won't get fired if I don't get caught. What do you think I am, an amature? ;)

U will get caught eventually. They can monitor their energy consumption and computers lol. Then they would see that u used your logins to access the comp. Its gg for u.

Funny jokes lel

TB12 - May 25, 2017, 1:51 pm

(May 25, 2017 01:48 PM)makawan Wrote: [\[CITE\]](#) U will get caught eventually. They can monitor their energy consumption and computers lol. Then they would see that u used your logins to access the comp. Its gg for u.

Funny jokes lel

Amatures allow them to monitor it. Also I would hack their logins and make it look like someone else did

05317832892 - May 25, 2017, 1:53 pm

Do you pay for electricity in uni dorms?

420coupe - May 25, 2017, 1:55 pm

any particular reason you choose the 580 over the 480/470 or was it just availability??

That Poppy - May 25, 2017, 1:59 pm

(May 24, 2017 12:18 AM)CloUd Wrote: [\[CITE\]](#) Going to make my dad pay for it, since im investing his money i told we are even. He said no but he can't stop me :D and its only for a few months till I move out

That's so disrespectful...

You deserve to be slapped in the face.

Spoiler [\(Click to View\)](#)

with a chair.

Spoiler [\(Click to View\)](#)

Made out of steel.

Spoiler [\(Click to View\)](#)

By the hulk.

Also, why a small SSD if you want to mine sia aswell?

makawan - May 25, 2017, 2:01 pm

(May 25, 2017 01:53 PM)ROOTED Wrote: [\[CITE\]](#) Do you pay for electricity in uni dorms?

I don't because it is provably included

I might just suck the living shit of my school :p.

Just scared that it would disturb my roommate . Idk how long the mining rig is. Willing to hear some feedbacks

420coupe - May 25, 2017, 2:19 pm

(May 25, 2017 02:01 PM)makawan Wrote: [\[CITE\]](#) I don't because it is provably included

I might just suck the living shit of my school :p.

Just scared that it would disturb my roommate . Idk how long the mining rig is. Willing to hear some feedbacks

just convince your room mate to set up a rig or split costs

CloUd - May 25, 2017, 7:31 pm

(May 25, 2017 01:59 PM)That Poppy Wrote: [\[CITE\]](#) That's so disrespectful...

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By the hulk.

Also, why a small SSD if you want to mine sia aswell?

Lol we agreed on a good solution for the both of us, i haven't really looked into the requirements for sia mining, i could always upgrade no biggie.?

poisson - May 25, 2017, 7:33 pm

Lol good luck getting 7 GPUs on a Z170 chipset.

That Poppy - May 25, 2017, 7:34 pm

(May 25, 2017 07:31 PM)CloUd Wrote: [\[CITE\]](#) Lol we agreed on a good solution for the both of us, i haven't really looked into the requirements for sia mining, i could always upgrade no biggie.?

So....you don't know what Sia is....?

SIM-3051398 - May 25, 2017, 7:39 pm

I just invested in a rig i plan on making a thread!

xSuperiorLegendx - May 25, 2017, 7:52 pm

If you were to leave a rig like this on 24/7 in a dorm would you think the power consumption from your room would be noticeably high or would there be no way to see which room draws how much power?

Spouse - May 25, 2017, 7:54 pm

I'm curious about mining with one thing I always seem to notice something about "electricity" so like whats the deal with that does it run your electricity up? I mean I usually keep my laptop on the charger all night and well for my pc I usually keep it on all night too really and both settings are set to not turn off at all.

JohnBarr - May 25, 2017, 8:14 pm

(May 25, 2017 01:31 PM)Excavated Wrote: [\[CITE\]](#) Won't get fired if I don't get caught. What do you think I am, an amature? ;)

Considering your spelling of the word "amateur" I'll have to answer, yes. ?

Anywho, nice setup! Good luck with the mining :p I'm still awaiting the time to put together and build

my first PC :)

Visualize - May 25, 2017, 10:11 pm

(May 24, 2017 12:18 AM)CloUd Wrote: [\[CITE\]](#) Going to make my dad pay for it, since im investing his money i told we are even. He said no but he can't stop me :D and its only for a few months till I move out

I don't understand. Your dad is paying for everything so how are you even lmao

SirNoobHack - May 26, 2017, 3:41 am

Good luck mate, I've got a 4 x RX 480 rig. One of my cards is producing 100% incorrect shares though which is a fking pain.