Forum:Hack Forums

Thread: Built a new PC and won't boot up.

Audi RS3 - *November 4, 2016, 11:15 am*
Hi guys I've build a new PC from from scratch. It turns on with all the fans running and will make the sound of it reading a cd but nothing else just a black screen. I have checked everything is plugged in correctly and it is. I've unplugged the graphics card to see if that was the case but it seems not. Please help btw I know I need to install the os I just can't get there yet.

Edit. Doesn't make a beep too

RoyalCell - *November 4, 2016, 11:20 am*
Take your graphics card off and boot it without the card, remember to plug your hdmi/w/e to your MB.

Audi RS3 - *November 4, 2016, 11:27 am*
(Nov 4, 2016 11:20 AM)RoyalCell Wrote: *[CITE]* Take your graphics card off and boot it without the card, remember to plug your hdmi/w/e to your MB.

Tried that still nothing. Black screen

datguy.dev - *November 4, 2016, 11:34 am*
Here are some of the potential sources in random order:
1) Defective RAM, GPU, PSU, or CPU.
2) Missing CPU or GPU power auxiliaries.
3) Primary graphics setting in the BIOS is set to igfx instead of pcigfx. (Reset CMOS.)
4) Using wrong channel configuration for multiple memory modules.
5) Loose or faulty display cables.
6) Poorly socketed CPU.
7) Short circuit.

Try running it bare minimum - no gpu if you have integrated graphics and 1 stick of RAM in single channel. Reset CMOS. Note, if your mobo is much older or used, you may need to update the BIOS to support the CPU.

Audi RS3 - *November 4, 2016, 11:47 am*
Just tried that. Here are some photos of the computer. https://imgur.com/a/pBSmL

RoyalCell - *November 4, 2016, 12:06 pm*
Does your monitor even get signal?

Audi RS3 - *November 4, 2016, 12:08 pm*
(Nov 4, 2016 12:06 PM)RoyalCell Wrote: *[CITE]* Does your monitor even get signal?
It does with my other computer I've tested but with this computer no I just get a black screen.

RoyalCell - *November 4, 2016, 12:10 pm*
(Nov 4, 2016 12:08 PM)Iggy Azalea Wrote: *[CITE]* It does with my other computer I've tested but with this computer no I just get a black screen.
I mean does your monitor act like it gets a signal which is black screen from your MB or it says no

signal?

Audi RS3 - *November 4, 2016, 12:13 pm*

(Nov 4, 2016 12:10 PM)RoyalCell Wrote: [CITE] I mean does your monitor act like it gets a signal which is black screen from your MB or it says no signal?

It just says no signal. Tried the hdmi in the md and gpu slot.

RoyalCell - *November 4, 2016, 12:14 pm*

(Nov 4, 2016 12:13 PM)Iggy Azalea Wrote: [CITE] It just says no signal. Tried the hdmi in the md and gpu slot.

Try VGA or DVI if your MB doesn't have drivers for HDMI ?

Audi RS3 - *November 4, 2016, 12:15 pm*

(Nov 4, 2016 12:14 PM)RoyalCell Wrote: [CITE] Try VGA or DVI if your MB doesn't have drivers for HDMI ?

I wish that was the case. I have already tried vga and dvi. Just don't have a clue what's wrong. I've googled it and everything.

RoyalCell - *November 4, 2016, 12:17 pm*

(Nov 4, 2016 12:15 PM)Iggy Azalea Wrote: [CITE] I wish that was the case. I have already tried vga and dvi. Just don't have a clue what's wrong. I've googled it and everything.

I'm not a PC expert as my friend build my PC.

http://www.tomshardware.co.uk/forum/261145-31-perform-steps-posting-post-boot-video-problems

I googled this one, try it. It sounds weird that your MB gets power but can't give signal.

Breeze26509 - *November 4, 2016, 12:24 pm*

First image clearly shows that your 4 pin cable from the PSU isn't connected...

There should be a 8pin cable labelled CPU that splits into 2 4 pin connectors which go in the connector near the top left of the motherboard,

SIM-3063187 - *November 4, 2016, 12:24 pm*

I guess it is a problem with your Power supply. Do you Have enough Voltage for what your pc needs?

Stashyy - *November 4, 2016, 12:25 pm*

Everything turns on but the thing is still off right? Did you connect the power button wires correctly?

Mind showing a picture on the inside of what your PC looks like?

Audi RS3 - *November 4, 2016, 12:56 pm*

(Nov 4, 2016 12:24 PM)Breeze26509 Wrote: [CITE] First image clearly shows that your 4 pin cable from the PSU isn't connected...

There should be a 8pin cable labelled CPU that splits into 2 4 pin connectors which go in the connector near the top left of the motherboard,

Yeah I couldn't find the 4 adapter. Here are the photos https://imgur.com/a/JY5lL . The 20 and 4p have a arrow next to each other so I thought u had to connect them and place them in the lot next to it.

Breeze26509 - *November 4, 2016, 1:00 pm*

(Nov 4, 2016 12:56 PM)Iggy Azalea Wrote: [CITE] Yeah I couldn't find the 4 adapter. Here are the photos https://imgur.com/a/JY5lL . The 20 and 4p have a arrow next to each other so I thought u

had to connect them and place them in the lot next to it.
There should be a cable from your PSU that looks something like this
Spoiler (Click to View)

That will plug into the top left of the motherboard.

Audi RS3 - *November 4, 2016, 1:00 pm*
(Nov 4, 2016 12:24 PM)sixert Wrote: [CITE] I guess it is a problem with your Power supply. Do you Have enough Voltage for what your pc needs?
Yeah it should be. 500w which is enough with the gpu installed.

Inmodwetrust - *November 4, 2016, 1:05 pm*
Try re-seating the RAM, I used to work with computers for 2 years and this was the most common problem. If not put the RAM in the other channel.
Edit: Just looked at the images, the board requires a 24Pin connector and a 4 pin connector. The 24Pin is wired correctly with the 20 and 4 being separate. There should be another 4 pin connector on the power supply. If not try looking for a 6 pin or an 8 pin and splitting them.

Audi RS3 - *November 4, 2016, 1:48 pm*
(Nov 4, 2016 01:00 PM)Breeze26509 Wrote: [CITE] There should be a cable from your PSU that looks something like this
Spoiler (Click to View)

That will plug into the top left of the motherboard.
SOLVED THIS GUY <3 MSG ME YOUR BTC LINK

Breeze26509 - *November 4, 2016, 1:49 pm*
(Nov 4, 2016 01:48 PM)Iggy Azalea Wrote: [CITE] SOLVED THIS GUY <3 MSG ME YOUR BTC LINK
I don't have a BTC... thing. :P

Stashyy - *November 4, 2016, 1:57 pm*
(Nov 4, 2016 01:00 PM)Breeze26509 Wrote: [CITE] There should be a cable from your PSU that looks something like this
Spoiler (Click to View)

That will plug into the top left of the motherboard.
probably doesn't have it. Which would mean that the psu is fucked

edit: awh shit I look stupid asf.

Grats that you fixed your PC tho.

Audi RS3 - *November 4, 2016, 1:59 pm*
Thanks man, I feel stupid too haha dw

datguy.dev - *November 4, 2016, 8:26 pm*
(Nov 4, 2016 12:24 PM)Breeze26509 Wrote: [CITE] First image clearly shows that your 4 pin cable from the PSU isn't connected...
There should be a 8pin cable labelled CPU that splits into 2 4 pin connectors which go in the connector near the top left of the motherboard,
Good eye. Sorry, OP got wrapped up in a game. :P Yeah, that big ole' heat sink blocks the view of the cpu aux quite a bit.

mr. k1 - *November 21, 2016, 10:28 pm*
make sure you check the psu connections, the hard drive connection actually all connections.

THC - *November 21, 2016, 10:29 pm*
I had a similar issue with a pc built, never ended up finishing the build because a) I couldn't get it to work b) my brothers computer litreally blew up so he stole my componenets.