

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/JY5IL> . 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/JY5IL> . 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.