

8 4 solid pin cpu power connector optional

Can a 4 pin CPU connect to a 8 pin CPU?

Must be one beefy board. Anyway,if you have two 8 pin CPU power connectors,the 8 pin will work just fine in the 4 pin slot. The 4 pin part of the 8 pin connector is physically and electrically the same as the 4 pin connector,with the only difference here being the additional 4 pins just hang over the port and plug into nothing.

How many watts can a 8 pin CPU supply?

The 8 Pin CPU connector can supply power up to 235 Watts. The low-end CPUs with a TDP under 155W need the 4-pin P4 connector. The high-end CPUs with a TDP higher than 155W need the 8-pin EPS connector. This table explains the difference between the 4-pin and 8-pin CPU cables; now,we will understand when we need which cables.

How many watts can a 4 pin connector supply?

The 4-pin connector can supply up to 155W,and the 8-pin connector can supply up to 235W. If your motherboard has an 8-pin CPU connector,that indicates the CPU requires more than 155W to run. In such a scenario,if we use only 4 pin connector,then the CPU will not get the necessary power.

What is 8+4 pin CPU power connector?

The 8+4 pin CPU power connector is a type of power connector used to supply power to the central processing unit (CPU) of a computer. The 8+4 pin CPU power connector is a 12-pin connector that consists of two 8-pin connectors that are joined together by a 4-pin connector. 1. What is an 8+4 pin CPU power connector?

Is 4 pin power optional?

The motherboard manual does not say the 4 pin power is optional. It might work,but the manual says it is required. The eps 4 and 8 pin connectors are used to give the motherboard extra power for overclocking and for fully utilized pcie slots. You may work perfectly well with just the 8 pin connector,but you may not. It won't hurt to try.

Can I use 8 pin EPs cable on 4 pin CPU slot?

Modern Power Supplies mostly come with the 8 Pin EPS cable for the CPU slot,and this connector can be split into two 4-pin+4-pin connectors. So,it is definitely possible to use the 8 Pin EPS cable on 4 pin CPU slot by splitting the cables.

Instead of going out and buying a 8-to-4 pin CPU power adapte... Skip to main content. Stack Exchange Network. Stack Exchange network consists of 183 Q& A communities including Stack Overflow, ... // No, the connector is ...

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Connect 4+4 EPS connector or CPU connector (Use Label marking on PSU cables) to CPU power connector header. Connect 4 pin or 4+4 pin both would be same. If ...

YOU. DO. NOT. NEED. MORE. THAN. A. SINGLE. 8-PIN. POWER. CONNECTOR. FOR. A. 13400.
Reactions: PLAffiller. PLAffiller. Joined Jan 31, 2012 Messages 2,753 ...

The 4+4 can be plugged into the 8 pin EPS connector. The 8 pin connector is good for up to around 320-350 watts. If you're not gonna overclock the processor, your processor is not gonna get close to this value. The 4 pin ...

Corsair RM Series RM550 550W ATX 2.31 bietet: 1x 20/24-Pin, 1x 4/8-Pin ATX12V, 2x 6/8-Pin PCIe, 6x SATA, 4x IDE, 1x Floppy Ich habe schon im Forum gesucht und dort heißt es, der 4 Pin ATX12V ...

EDIT / UPDATE: If it is of interest to anyone who comes across this post, I can positively confirm the 4-pin secondary CPU power connector is indeed optional on the Gigabyt ...

Z390/X470,8+4Pin8PinCPU(P1),///, ...

Coming to the pin configuration, the CPU power connector either has a 4-pin, 8-pin, (8+4) pin, or an (8+8) pin setup. Among all, the 8-pin setup is widely used these days and considered a standard. ... It can either be storage ...

The tertiary 4 pin EPS connector is optional and will only be found on high end, high current power supplies. It's purpose is two fold. ... and I must say it's a heavy solid ...

But the manufacture states that to prevent overheating of the cpu they recommend using both a 4+8 pin EPS power. What type of PSU can even support this? Any PSU with support for 2 EPS connectors. This one (Corsair ...

8+4 Pin CPU Power Connector: What It Is and Why You Need It The 8+4 pin CPU power connector is a critical component of any modern PC. It provides the power needed to run the ...

The eps 4 and 8 pin connectors are used to give the motherboard extra power for overclocking and for fully utilized pcie slots. You may work perfectly well with just the 8 pin ...

The new mobo I bought, Asus Crosshair VII, has an additional 4 pin CPU power connector. Does it have to be used, I don't have a single 4 pin cable, only the 8 pin style. An 8 ...

The EPS specification includes a 24 pin main connected adopted from ATX12v, an 8 pin (4x +12v, 4x GND) connector for auxiliary CPU power as well as two optional 4 pin connectors. Some motherboards such as the

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Asus ...

Use two cables between psu and video card, not one cable with two connectors. Only the 8pin EPS connector is required for CPU. The 4 pin part is optional, system will run ...

I have some Z77 and Z97 motherboards with dual 8 pin configurations for the CPU, I always connect them up. ... The second 4/8 pin is optional. See any manual for z490. ...

4 Pin Cable For CPU: 8 Pin Cable For CPU: The 4 Pin connector for the CPU is known as the P4 connector: The 8-pin connector for the CPU is known as the EPS connector. The 4 Pin connector can supply a maximum ...

One was 8-pin and one was two 4-pin connectors together. The 8-pin went in just fine, but the 4+4 pin connector did not match up. According to the motherboard manual, in this ...

I notice that the motherboard has 8+4 pin 12v power connection, and my "old" Corsair RM650X PSU only has a 2*4 (8pin) CPU cable. Which means I won't be able to plug ...

Connect the 4+4-Pin EPS12V cable to the motherboard. (Optional) If you plan on extreme overclocking and your motherboard supports additional 8-Pin or 4-Pin CPU power ...

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