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r/buildapc • 2 yr. ago

SiegKircheis



RX 7900 XT I picked up comes with 3 8-pin power connectors. Do I need 3 separate PCI-E cables connected from the PSU or can I get away with two?

Solved!

I picked up the parts for my build today and discovered that while my MSI GAMING TRIO CLASSIC Radeon RX 7900 XT GPU has 3 8-pin connectors for power, my PSU (Gigabyte UD850GM 850 W 80+ Gold) only comes with two PCI-E power cables in the box, with two connectors daisy chained on each cable. Can I get away using both the PCI-E connectors from one of the cables when connecting to the GPU, or should I go back and get a PSU that comes with three separate PCI-E cables? Would I be creating any risk by trying to build and power on the machine with the current PSU?

For reference, here's the full build: [PCPartPicker Part List](#)

Type	Item	Price
CPU	Intel Core i5-13600KF 3.5 GHz 14-Core Processor	\$379.00 @ Canada Computers
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12



33



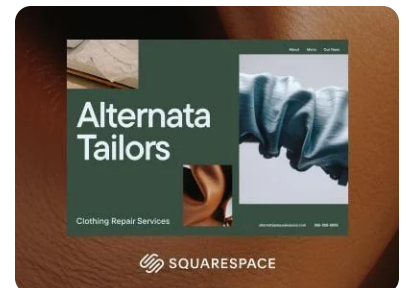
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Comfortable-Mine3904 • 2y ago •

these commentors are wrong, you are fine daisy chaining one with the split ends



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(and they're most likely not since most PSUs use overspec cables these days), each cable is good for at least 150W, and the slot is good for another 75W.

$$150 + 150 + 75 = 375$$

$$375 > 315$$

I'm pretty sure there are only three connectors to make sure no one tries to run the card on a single daisy-chain, which would be possible with only two and could potentially be a safety hazard.

↑ 11 ↓ ○ Reply ...

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Swabado141 • 2y ago •

3 is optimal, 2 is fine

↑ 12 ↓ ○ Reply ...

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VoraciousGorak • 2y ago •

My 6950XT and my 3080 FTW3 Ultra are both running off two cables into three ports and have been for a while.

↑ 8 ↓ ○ Reply ...



lolicutekawaii • 2y ago •

its fine, i have a 7900xtx and rtx 2070 daisy chained with a i9 10850k under a bequiet dark power pro 850 it can still pull over the 375w max power limit, occasionally hitting 400+, no bluescreen, restarts

↑ 7 ↓ ○ Reply ...



Shrek_OC • 2y ago •

Got to love the fearmongering from people who don't even understand the question.

↑ 7 ↓ ○ Reply ...



justfuturamaquotes • 2y ago •

I am running an ASUS TUF 7900XT OC with the same setup you are talking about it runs absolutely fine with 2 cables.

[Skip to main content](#)[Log In](#)**SD1RAGER** • 2y ago •

It will not be an issue whatsoever.



4

[Reply](#)**Shrek_OC** • 2y ago •

That power supply is fine. The UD GM and AP GM are both fine. It's the older P GM that had issues. By the way, any 850 watt power supply you get is going to have two pcie cables each with two daisy chained connectors. This is the normal configuration of a power supply.



2

[Reply](#)**PCMR** r/pcmasterrace • 2 yr. ago

What does it mean by "The video card PCIe 16-pin power connector adapter is being supplied by three 6+2-pin power connectors. Please ensure that the three 6+2-pin power connectors are not daisy-chain..."

2 upvotes · 16 comments

**r/buildapc** • 10 days ago

PC build gone bad, really bad

379 upvotes · 241 comments

**r/buildapc** • 25 days ago

Why do psus almost always come with 2 connectors per cable on pcie and eps power cables ?

145 upvotes · 43 comments

**r/RadeonGPUs** • 1 yr. ago

Cabling for RX 7900 XT - help

1 upvote · 4 comments

**r/buildapc** • 16 days ago

brand new build almost unusable, no idea where to even start

163 upvotes · 160 comments

**PCMR** r/pcmasterrace • 1 yr. ago

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PCIe x8 to NVMe Adapters for 13G Dell

7 upvotes · 18 comments

[r/buildapc](#) • 3 yr. ago

If a single 8 pin pcie from a psu only provides 150w how does it power a 3060ti which apparently pulls 200w?

477 upvotes · 96 comments

[r/buildapc](#) • 22 days ago

AMD Ryzen CPUs are great gaming but does that translate to all PC tasks?

243 upvotes · 164 comments

[r/buildapc](#) • 21 days ago

Is utilizing all 4 ram slots with DDR5 bad?

159 upvotes · 126 comments

[r/pcmasterrace](#) • 7 yr. ago

Burnt out 8 pin connector on my gpu. How do I fix this?

3 upvotes · 17 comments

[r/buildapc](#) • 3 yr. ago

Do I plug in both 8 pin connectors?

2 upvotes · 7 comments

[r/buildapc](#) • 6 days ago

If 6800XT is within 5% of the performance of 7800XT, why is no one recommending it?

390 upvotes · 214 comments

[r/hardware](#) • 7 yr. ago

Why are the 8-pin ATX(CPU) and PCI-e connectors different?

114 upvotes · 61 comments

[r/buildapc](#) • 9 days ago

What brand is the most reliable and has the best warranty service for video cards now that EVGA no longer makes video cards?

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Radeon RX580 on a 2012 MacPro 5,1

6 upvotes · 29 comments



r/Corsair • 2 yr. ago

RTX 4090 12vhpwr paired with the Corsair RM1000x SHIFT clarification.

8 upvotes · 11 comments



r/pchelp • 2 yr. ago

please ensure to connect at least one 8 pin connector to the psu for system stability

2 upvotes · 50 comments



r/Amd • 2 yr. ago

if 7900xtx had a PCIE 5, would it perform better?

21 comments



r/buildapc • 3 yr. ago

Can an 8 pin connector provide more than 150w?

1 upvote · 23 comments



r/Amd • 17 days ago

AMD Radeon RX 7900 GRE reaches End-of-Life

519 upvotes · 198 comments



r/buildapc • 2 yr. ago

How Bad is It To Run a 7900 XTX with 2 PCIe 8-Pin Cables Instead of 3?

1 upvote · 6 comments



r/techsupport • 2 yr. ago

How much power can one 8-pin to two 6+2 PCIe connector supply to a GPU?

2 upvotes · 11 comments



r/buildapc • 5 days ago

Built a pc for my son with microcenters help. Questioning performance.

202 upvotes · 141 comments



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2 upvotes · 10 comments

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