
Subject: What Power supply? ;o
Posted by [DutchNeon](#) on Sat, 14 Jul 2007 14:23:45 GMT
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Ok, I got A motherboard, which has AGP, im having a crappy ati Radeon 9250+ atm which just can play Counter Strike Source on High Details without AA or AF, and a fps of 20-25 max in ren (1280 X 1024 lcd screen) Anyway, im planning to buy this card:

<http://www.bestbuy.com/site/olspage.jsp?skuld=8040782&st=x1950+agp&type=product&id=1157068455153>

Seems to be one of the best AGP cards, we also got the Nvidia 7800 GS, but according to some reviews i read, x1950Pro tend to have slightly more performce, ok, to the point, i got everything what the card needs BUT i dont know what power Supply i got I bought this 'desktop' but i have no idea what Power Supply i got its a MSI pc, anyone know how i can find what power supply i got? Thanks for reading

Subject: Re: What Power supply? ;o
Posted by [Sir Kane](#) on Sat, 14 Jul 2007 18:49:47 GMT
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Open the case and look at the PSU maybe?

Subject: Re: What Power supply? ;o
Posted by [Carrierll](#) on Sat, 14 Jul 2007 21:04:28 GMT
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Sir Kane has the only way, chances are your PSU will be under-rated, if your PC wasn't expensive.

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Sat, 14 Jul 2007 21:50:13 GMT
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Il do that, my pc was originally \$900 (OnBoard Graphic and OnBoard Sound card) but the shop was existing 10 year, so they had huge discount, pc changed to \$665. If my pc doesnt have good Power Supply, can i just change it, or do i need to pay attention of something with power supply (I know the wattage) ? and some1 knows a good 1?

Subject: Re: What Power supply? ;o
Posted by [Carrierll](#) on Sun, 15 Jul 2007 09:26:42 GMT

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For the card you linked to, you need a power supply rated at at least 450 Watts. Anything higher is also fine. Anything lower is not.

Subject: Re: What Power supply? ;o
Posted by [danpaul88](#) on Sun, 15 Jul 2007 09:47:02 GMT
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Also be aware that some motherboards need a 20 pin power plug and others need a 24. If you don't know which yours is either disconnect it and count them or ensure you get a PSU which has the 4 end pins on the motherboard connection detachable so it works in both the 20 and 24 pin configurations.

Subject: Re: What Power supply? ;o
Posted by [Sir Kane](#) on Mon, 16 Jul 2007 05:05:30 GMT
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Make sure to get a quality powersupply, if you get a new one. I had major issues when I got some cheap one a while ago.

Subject: Re: What Power supply? ;o
Posted by [Chuck Norris](#) on Mon, 16 Jul 2007 05:21:55 GMT
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What processor do you have? You say it's an AGP board, and most processors of that age will bottleneck the likes of a card like the X1950 Pro and 7800GS. If you're processor isn't too great, it might be better to get something like a 7600GT. Just a little FYI. CarrierIIFor the card you linked to, you need a power supply rated at at least 450 Watts. Anything higher is also fine. Anything lower is not. Wattage isn't the most important thing. Amperage on the +12V rail(s) is.

Sir Kane is right too. Quality over quantity. Don't get a PSU just because it has high wattage. There are ALOT of shitty quality PSUs that are rated high just to take advantage of that consumer misconception. Brands like Enermax, Sparkle, Thermaltake, and Antec (I know I'm missing a few) are good. All of those 500+watt PSUs for less than \$40 are to be avoided.

If you end up needing a new PSU, give your budget and someone can give you some choices.

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Mon, 16 Jul 2007 21:22:08 GMT
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Pentium 4 - 2.93 GHZ .

Also got a Dual core Lying somewhere at my desk, but its originally my dads board so not using it. (PCI-E)

Subject: Re: What Power supply? ;o
Posted by [Chuck Norris](#) on Mon, 16 Jul 2007 21:45:14 GMT
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Okay, You probably won't see every last ounce of the full potential, but that should be good enough. It's plenty for Renegade either way, so you're good to go there.

Now you need to find out what PSU you have now. You should be able to remove the side cover and there should be a label on the PSU. The maximum total output and the value for the +12V are the two things you want to note.

Subject: Re: What Power supply? ;o
Posted by [Dave Anderson](#) on Tue, 17 Jul 2007 03:52:16 GMT
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Dutch Neon wrote on Mon, 16 July 2007 15:22Pentium 4 - 2.93 GHZ .

3.5 here.
(Though, its nothing to brag about. At all.)

Subject: Re: What Power supply? ;o
Posted by [Viking](#) on Wed, 18 Jul 2007 08:58:34 GMT
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AHAHAHAHAHAHAHAH

ATI fuckin' sucks!

Subject: Re: What Power supply? ;o
Posted by [JPNOD](#) on Fri, 27 Jul 2007 09:25:27 GMT
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The 1950 is the fastest AGP card only downside is that it doesn't support dx10 so in 2 or 3 years games based on dx will look poor.

And as most already said, look for a good quality Power supply.

(Enermax, Seasonix, OCZ, Coolermaster)

A good powersupply will cost between 50 and 80 euro..

Viking wrote on Wed, 18 July 2007 04:58AHAHAHAHAHAHAHAH

ATI fuckin' sucks!

Glad we don't all share your opinion

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Wed, 15 Aug 2007 15:39:39 GMT
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Had Vacation job, but i did some Searching

i have a fortron PSU with 350 Wattage, som seller today told me they had some PSU's, Huntkey and X Gear, are those nice brands? i was thinking of getting an corsair or fortron, with 450 wattage or above, price can be 120-180 Euro (srry, i live in Europa) Besides this im getting 2 DDR 400 mhz Sticks of 1024 MB ram (its possible on my motherboard--> yay for Dual) and proolly an SApphire Radeon X1950 pro, but are the other good brans for the x1950 pro? i heard 3D club isnt that good, MSI could be ok, or pure Ati, but i heard Sapphire was the most common and good working one.

Edit: didnt watched the 12V+ rail line but i got the model number somewhere

Subject: Re: What Power supply? ;o
Posted by [Caveman](#) on Thu, 16 Aug 2007 19:35:12 GMT
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Sorry offtopic but i'd just like to add that the best AGP card you can get now is the XFX 7950GT 512MB. It will easily out perform the ATi 1950.

Subject: Re: What Power supply? ;o
Posted by [Viking](#) on Fri, 17 Aug 2007 00:02:12 GMT
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JPNOD wrote on Fri, 27 July 2007 04:25The 1950 is the fastest AGP card only downside is that it doesn't support dx10 so in 2 or 3 years games based on dx will look poor.

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No it is a FACT!

Subject: Re: What Power supply? ;o
Posted by [Ryu](#) on Fri, 17 Aug 2007 01:07:35 GMT
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Viking wrote on Thu, 16 August 2007 19:02JPNOD wrote on Fri, 27 July 2007 04:25The 1950 is the fastest AGP card only downside is that it doesn't support dx10 so in 2 or 3 years games based on dx will look poor.

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Viking wrote on Wed, 18 July 2007 04:58AHAHAHAHAHAHAHAH

ATI fuckin' sucks!

Glad we don't all share your opinion

No it is a FACT!

I smell 2 tons of bullshit.

More than enough.

I can't wait 'till your card dies, Viking, Then I can laugh and you can't brag anymore.

Subject: Re: What Power supply? ;o
Posted by [Cat998](#) on Fri, 17 Aug 2007 08:05:48 GMT
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I'm pretty happy with my ATI X1950 pro 512 mb graphics card

ATI is producing quite good graphic cards, so anyone who says it sucks, doesn't really know what he is talking about and is a flamer lamer

Subject: Re: What Power supply? ;o
Posted by [3663Nixon](#) on Fri, 17 Aug 2007 11:44:25 GMT
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I vote for Antec psu's. Quality psu for a reasonable cost

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Fri, 17 Aug 2007 19:41:02 GMT
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Ok, i had some funny problem today. My Motherboard has 2 Memory Slots, the 1 im using is an 400Mhz 512 Mb stick DDR. Today i bought 2 400 Mhz 1024 MB Sticks (2 sticks of 1024 MB ram DDR 400 mhz) but at each start, my LCD screen would say: 'No signal' i removed 1, same problem, then replaced the 1 with the other, again, same problem. So i placed my old 1 back in --> And my LCD screens works again. So i will return those sticks, but what shall i do? --> Go for two 1024 MB sticks 333 Mhz, 1 (adding) 512 MB 400 Mhz or 1 with 512 MB 333 MHZ?.

Subject: Re: What Power supply? ;o
Posted by [Carrierll](#) on Fri, 17 Aug 2007 20:04:08 GMT
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Those in the Ati vs. Nvidea fight need to produce stats or be quiet.

Dutch_Neon, looks to me like a classic case of inexplicable RAM incompatibility. Try getting two 1024 MB sticks from a different manufacturer, oh, and how much does you motherboard support? (in your manual)

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Fri, 17 Aug 2007 21:31:29 GMT
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Dunno, bought this pc, i searched through some sites, but it could handle 333 Mhz and 400 Mhz (it just got some Manual included with pc, no MObo Manual).

Subject: Re: What Power supply? ;o
Posted by [Caveman](#) on Fri, 17 Aug 2007 21:41:54 GMT
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If he is running a P4 then its very likely that his mobo can support 2x1GB modules.

Subject: Re: What Power supply? ;o
Posted by [Chuck Norris](#) on Sat, 18 Aug 2007 07:27:41 GMT
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Make sure the RAM is low density. Alot of cheaper vendors sell high density RAM and most desktops can't use that.

As for the ATi vs nVidia thing, my preference is nVidia, but ATi has the best on AGP. That's the fact of the matter. The X1950 Pro is quite faster than the 7800GS and it has much better image quality too than the GeForce 7 series did.

About your CPU, a 2.93GHz Pentium 4 will bottleneck a Radeon X1950 Pro. Just be aware that you're spending partly towards what you'll never see, ala waste. A 7600GT, 6800GT/GS/Ultra (avoid the XT and LE unless you have to), or maybe even the X1650 XT (again, avoid the other versions if you can because anything but the XT version is a crippled version with a 128-bit memory bus) will match better with your older CPU. You don't want to go a waste tons of cash on a PSU and expensive card only to have your CPU bottleneck and waste some of it. It's your decision though. I'm just giving you a heads up that you won't see it's full potential.

Make sure you get the +12V rating on the PSU too. The minimum should be 18A, ideally 20A or above. That's more important these days than total wattage. The truth is, even 300-350 watts would be enough for MOST PCs, as long as it's a good brand/quality and has a beefy +12V rail(s). I've never heard of Huntkey or X Gear. Corsair makes decent RAM, but I don't know about PSUs, because I didn't know they made them. Fortron makes decent PSUs. If you have 120-180 to spend though, I'm not sure what that is in dollars, but 120-180 dollars could get a really high end PSU to give you an idea.

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Sat, 18 Aug 2007 11:05:18 GMT
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Bottleneck? and i will post the brand of the Ram, they were €75 a piece, and sorry, but im Dutch, Whats density? i know what it means but what does it mean with RAM Memory?.

Subject: Re: What Power supply? ;o
Posted by [CarrierII](#) on Sat, 18 Aug 2007 12:27:05 GMT
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Here...

Bottleneck means (in this case) that the graphics card can handle more data than the CPU etc can give to it, wasting the card's potential rendering power, and thus wasting your money, as you paid for more power than it can actually use.

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Sat, 18 Aug 2007 12:34:24 GMT
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Hmm, i will buy it, as i will upgrade my CPU too proolly (Mobo maybe later, sticking to an AGP mobo untill i got enough for hole upgrade).

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Sat, 18 Aug 2007 14:08:35 GMT
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Edit gone >_>

Anyway: the chips

Dane-Elec

PC3200U - 30331 - EO 1 GB DDR PC3200 CL3
Made in China M368L2923DUN - CCC 0728

My Mobo Supports 333 Mhz and 400 Mhz, Doesnt support Registered Chips. The Chips are Double Sided so i think 16x 64 MB

its an MSI (Micro Star) MS-7071 (PM8M2-V) Motherboard btw

Chip Details (16 in total, 8 a side) -->

SAMSUNG 728
K4H510838D - UCCC -

H51 8 ZPQ708BBC

And my Mobo =

[http://www.beslist.nl/computers/d0000203059/MSI_Pm8m-v_Retail_\(PM8M-V_\).html](http://www.beslist.nl/computers/d0000203059/MSI_Pm8m-v_Retail_(PM8M-V_).html)

Couldnt find a Detailed English Page.

Edit:

Subject: Re: What Power supply? ;o
Posted by [Chuck Norris](#) on Sat, 18 Aug 2007 16:00:23 GMT
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You used to be able to tell if a module was low or high density by if it was single or double sided, but not so much anymore. It can be either. Usually Non-ECC and non-registered is low density, because high density and registered and ECC are things memory for servers will have, but try and find out anyway. You need low density memory. What is the return policy of that vendor?

I don't know if they ship where you are, but crucial.com has a policy to guarantee compatibility, and they have a scanner on their site to find memory that will work. It is quite expensive though in turn. Also, eBay, if you would be willing, has a lot of vendors selling DDR1 PC3200 RAM (what you need) for relatively cheap. I've seen low density 2x 1GB modules going for \$85 before shipping. I have 1GB now (4x 256MB modules) and was thinking of grabbing one to up myself to 2.5GB.

Subject: Re: What Power supply? ;o
Posted by [Carrierll](#) on Sun, 19 Aug 2007 13:37:30 GMT
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Chuck Norris wrote on Sat, 18 August 2007 17:00 You used to be able to tell if a module was low or high density by if it was single or double sided, but not so much anymore. It can be either. Usually Non-ECC and non-registered is low density, because high density and registered and ECC are things memory for servers will have, but try and find out anyway. You need low density memory. What is the return policy of that vendor?

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What I do is run Crucial's scanner, then go find a module with the same stats for less on some other site.

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Mon, 20 Aug 2007 12:37:44 GMT
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According to internet scanners, they need to work on my pc (they are low density, found out with a tutorial on ebay for buyers of RAM) but they dont according to crucial i got the same as they say, only a other brand. I have read some forums, and some1 had the same. Sites said it could work on his Mobo, also, the included ram was 400 Mhz 512, yet buying other 400 Mhz 1 Gig Sticks didnt worked. he then bought stick of 333 Mhz, and they worked, so im gonna exchange the 400 Mhz ones for 2 333 Mhz (as my mobo also supports those) and hope they work .

Subject: Re: What Power supply? ;o
Posted by [Chuck Norris](#) on Mon, 20 Aug 2007 13:50:44 GMT
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Does your CPU have an 800MHz FSB? If so, you're going to reduce performance by using the slower RAM. 800MHz FSB CPUs run RAM at 400MHz (PC3200), and 533MHz FSB CPUs run the RAM at 333MHz (PC2700). Now if you have a CPU that uses a 533MHz FSB, the RAM will run at 333MHz, even if it's rated to run at 400MHz, so then it wouldnt matter what you get.

Edit: This is just based off of a VERY quick check on Google, but it looks like the 2.93GHz Pentium4 CPUs have a 533MHz FSB, which makes sense since 800MHz FSB CPUs have an even number for it's frequency, like 2.8GHz or 3.0GHz and not 2.93GHz (due to the way multipliers and FSB works out). So you should be okay getting the PC2700 without worrying about loss of performance.

Subject: Re: What Power supply? ;o
Posted by [JPNOD](#) on Mon, 20 Aug 2007 21:28:22 GMT
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Quote: Had Vacation job, but i did some Searching

i have a fortron PSU with 350 Wattage, som seller today told me they had some PSU's, Huntkey and X Gear, are those nice brands? i was thinking of getting an corsair or fortron, with 450 wattage or above, price can be 120-180 Euro (srry, i live in Europa) Besides this im getting 2 DDR 400 mhz Sticks of 1024 MB ram (its possible on my motherboard--> yay for Dual) and prolly an SApphire Radeon X1950 pro, but are the other good brans for the x1950 pro? i heard 3D club isnt that good, MSI could be ok, or pure Ati, but i heard Sapphire was the most common and good working one.

Get the Corsair PSU. Huntkey is decent, fortron is decent, but nothing spectacular.

As for the VGA, go with MSI or Saphire, look at the cooling (Which one looks better and see if the ram on the VGA all have heatsinks/ good heat disposal.

Quote: I vote for Antec psu's. Quality psu for a reasonable cost

gotta love the antec neoHE it is probably on of the best PSU's of Antec out there.

Quote: Make sure you get the +12V rating on the PSU too. The minimum should be 18A, ideally 20A or above. That's more important these days than total wattage. The truth is, even 300-350 watts would be enough for MOST PCs, as long as it's a good brand/quality and has a beefy +12V rail(s). I've never heard of Huntkey or X Gear. Corsair makes decent RAM, but I don't know about PSUs, because I didn't know they made them. Fortron makes decent PSUs. If you have 120-180 to spend though, I'm not sure what that is in dollars, but 120-180 dollars could get a really high end PSU to give you an idea.

This is very true

Btw: Corsair PSU's are made specially for Corsair by Seasonic.

Seasonic makes superb and quite PSU's

Quote: getting 2 DDR 400 mhz Sticks of 1024 MB ram (its possible on my motherboard--> yay for Dual)

From what I read on the MSI site, your motherboard doesn't support Dual Channel mem.

Quote: Bottleneck? and i will post the brand of the Ram, they were €75 a piece, and sorry, but im Dutch, Whats density? i know what it means but what does it mean with RAM Memory?.

That's alot of money..

You can get 2x 1 GB Corsair, Kingston for 95 euro's if you order it with a webshop. 6,50 postal package.

I just checked on the MSI website
If this is your motherboard..

http://www.msicomputer.com/product/p_spec.asp?model=pM8M-v&class=mb

Then this is the memory test report on your motherboard.

http://global.msi.com.tw/uploads/test_report/TR10_205.pdf

Which memory did you buy?

Most motherboards like to eat Kingston, Corsair too, but most of the time Kingston works, both have lifetime warranty

Last but not least (might be something to consider)

Quote: Hmm, i will buy it, as i will upgrade my CPU too proolly (Mobo maybe later, sticking to an AGP mobo untill i got enough for hole upgrade).

Alternate.nl has a nice Upgrade set right now.

Intel Core 2 Duo ""Conroe L" for 1.8ghz
1 GB mem
Morthterboard by Foxconnn
150 euro's

Even though it's low end step in model sys. It would blow away what you have now. And that for the price of the 2x 1GB sticks you plan on buying.

Get a nice PSU with that, and a PCI express card which is fairly cheaper then a Mid end AGP Card...

Subject: Re: What Power supply? ;o
Posted by [DutchNeon](#) on Fri, 23 Nov 2007 09:59:11 GMT
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Maybe a bump again, anyway, i returned the ram and stuff, cause it just wasn't working. According to the shopkeeper i probably needed/need to flash my BIOS (?). Also, I still didn't bought the GC or the PSu, but according to some1 who i know (who works with computers) is that the GC(graphic Card) could work on lower PSU wattage, but your PSU needed to be a good 1. I forgot which 1 had ATM (as i opened my case 2 months ago) but im fairly sure it was in the brand list which had quality (i will open it this weekend probably to clean dust). Is that true? i heard the lifetime of the GC and even your hole PC could go down if the PSU didn't supply enough wattage and volt to your GC card (just supply it). I will repost again this weekend after i opened the case

(as im just to lazy to do it now + school soon :).
