

## Re: ANOTHER PSU question...

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<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2007-07/msg00613.html>

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- *From:* "RalfG" <[itsnotme@xxxxxxxxxxxxxxxxxxxx](mailto:itsnotme@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sun, 22 Jul 2007 13:47:55 -0400
- 

Arrgh! 8 day old thread.

"RalfG" <[itsnotme@xxxxxxxxxxxxxxxxxxxx](mailto:itsnotme@xxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:uQr64dIzHHA.312@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uQr64dIzHHA.312@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

It depends on the specifics of your system configuration and intended usage. Upgrading the video card has typically been the biggest consideration in PSU power requirements. At one point in the recent past video card power requirements jumped from the <20watt range up to potentially over 60watts for some high end models. Video cards without a secondary power connector can't draw more than the bus limitation, something around 40watts IIRC.

My P4 Media Center (Radeon x600 PCIe video) came with a 350watt PSU. Internally it is still the stock configuration (1Gig Ram, 300Gig SATA, DVD burner and DVDrom yada yada) With a USB wireless adapter added and external USB harddrive running the idle load on the UPS is less than 170Watts. Without the external drive or monitor running, the idle load from just the computer, wireless KB-Mouse, IR controller and USB WiFi is only between 112 and 125 watts. Turning on the webcam bumps that up another 20 watts or so. Even with a second external drive connected I haven't had the system do anything that ever drove the average power load above 250 watts for more than a few moments.

"RJK" <[notatospam@xxxxxxxxxxxx](mailto:notatospam@xxxxxxxxxxxx)> wrote in message  
[news:utPrrBmxHHA.4736@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:utPrrBmxHHA.4736@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Thanks Anna,

No problems atm, ..am planning on cobbling together new, (out of "older generation / cheaper" parts – already ordered cpu & mobo – might try and make use of Dads' previous midi/ATX PC case – no 12v 4pin on its' psu though), PC at my leisure, then eeeeeveeeeeeeventually move over to it. ...My old faithful under the bench is a 6+ years, and more, old Lian-Li case with a cheap Q-TEC 550watt <lol> / Socket A PCchips M848A(Ir?)/XP2600 Barton/768mb pc2700 166mhz/DDR333/ 2x80gb

Re: ANOTHER PSU question...

6Y080L0

Maxtors / Liteon LH-20A1P-10C 20x dvd-rewriter (treated it yesterday) / oldish LG 16x10x40 cd r/w ...and it's a HONEY / solid as a rock. Daren't upset it ! ...so for lots of obvious reasons, I'll spend the extra money and eventually build a whole new one, get it installed, and iron out any problems, and after several months hoping to duplicate my XP Home and apps. platform, I could then move to it :- ) ...Tweaking up XP is the hard / long winded part !

Have been reading newegg and Tomshardware PSU reviews (Fortron/Seasonic :-), and lots of others.

After lots of reading wildly differing opinions, I was beginning to suspect that something around 400 quality watts would do, then there's the consideration that even quite high quality psu's perform more stably at their "middle" loading range.

I've been eyeing up the Seasonics at my favourite hardware vendor :-)

...thanks again,

regards, Richard

"Anna" <myname@xxxxxxxx> wrote in message  
[news:uwJfONixHHA.2432@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uwJfONixHHA.2432@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Richard:

Don't get too caught up in this wattage business. You've got a relatively modest system (even if & when you'll need "extra capacity")

so I would think a 400W+ PSU from one of the usually reliable sources,

e.g., Antec, Enermax, Fortron, Seasonic, etc., should serve you well.

Your cost should be well under \$100. Why don't you simply access

Newegg's site and see their offerings together with user comments? And

there are a slew of websites that devote themselves entirely or partly to reporting & testing power supplies.

BTW, you don't mention your current PSU. Is there some problem with your

current unit or you have some suspicion that it's not functioning properly?

Anna

"RJK" <notatospam@xxxxxxxx> wrote in message

Re: ANOTHER PSU question...

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news:efVR7ZfxHHA.4352@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

PSU wattage ???

Have trawled through site after site, tried several different "wattage calculators" that give wildly different figures, seemingly because they want you to click on a "buy a psu here" link !!

Anyhooo! ...can someone give me a more accurate idea for watts, for ordinary desktop midi-tower innards as follows. (I know that if one goes too "cheap" one could end up with a 250watt psu badged as a 500watt etc. so I'll probably buy and ANTEC.),  
...and I most likely will want to add an IDE pci card and another IDE hd, at a later date.

ATX Conroe865PE motherboard with  
Realtek LAN and sound on it.  
Pentium D925 (2x3ghz - 2x2mb L2 cache)  
3 sticks of DDR400  
Nvidia 6200 AGP card  
pci - Creative SB Audigy 2  
pci - Intel K56 flex. data/fax/voice modem,  
(I think that's still in there!)  
2 x 7200 IDE hd's  
1 x floppy drive  
4 x 80mm fans  
1 x dvd r/w drive  
1 x cd r/w drive  
Occasionally, I plug in my old Canoscan N650OU scanner (UBS powered),

...and of course, some extra capacity but, not too much !!!

TIA, regards,

Richard

"RJK" <notatospam@xxxxxxxxxxxx> wrote  
in message  
news:%23cx53IZxHHA.4736@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Re: ANOTHER PSU question...

Hi, I'm really out of date  
with hardware !

I'm about to cobble together  
an 865PE motherboard with  
a Pentium D925

on it,

...motherboard has a AGP  
slot so that I can use my old  
graphics card,

....Antec PSU I've been  
ogling has a 6 pin pci-e  
supply, does that

just dangle unused (alright  
then "gets tied up":-)

<http://www.antec.com/uk/productDetails.php?ProdID=04644>

In other words, will PSU be  
okay if that 6 pin power

supply is unused,

just like one can tie-up the

4 pin cpu power supply if

not used on

older boards/cpu's that don't

need it 4pin power.

regards, Richard