

Re: Upgrading laptop processor

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2006-04/msg00374.html>

- *From:* Sunny <sunny@xxxxxxxxxxx>
 - *Date:* Thu, 06 Apr 2006 20:03:56 -0400
-

Brian Vagnoni wrote:

Dell and other companies out there don't want you do know this. They want to sell you new products every 2 – 4 years when you could get 6 – 8 out of them. Every company on the planet now whats to operate like a software company. Where they get this renewal income every year or 2 as you are forced to upgrade. Guess what corporate America it doesn't work like that as some products aren't like software. In my opinion I find it to be a disturbing trend.

You're not alone – over on sci.electronics.repair they've been complaining about it for years.

There are very few consumer electronics repair professionals left because you can't make a living fixing Asian junk that was designed to be thrown out at the first hint of trouble. Asians have become adept at designing in just enough quality to ensure most units will function for the warranty period. They certainly don't waste resources on engineering for the longer term, or on frivolous activities like producing service manuals and stocking replacement parts.

Computers are going the same way – it won't be long before computers are no more upgradeable than a \$30 Walmart DVD player is today. I suppose the MVPs will continue to play their part in hastening that day.

Sunny

Brian

Companies need to build value into there products not find ways to take it out. A clone to be has much more value to it as I can do more with it down the road compared with a Brand name that locks the board and BIOS.

"John Jay Smith" wrote:

I have seen a negative attitude from most MVPs claiming this or that cannot be done...

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it has become something like a new hobby of mine proving them wrong whenever they say something is impossible.

—
Kenny – www.ComputerBoom.com

"Any sufficiently advanced technology is indistinguishable from magic."

–Arthur C. Clarke

—
"Brian Vagnoni" <BrianVagnoni@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:98EEA582-8DD5-446B-9CFA-6795A1CC3A2E@xxxxxxxxxxxxxxxxxxxx

I'm sorry Cari but you couldn't be more wrong. Check the model number of your laptop. if the model number supports that processor that yes you can upgrdae to it; if it doesn't than you can't. The processor must be supported in the system bios, and auto detect is usually necessary otherwise you will detailed detailed info about jumpers and dip switches. Cari must be a system board oem trying to get you to purchase a new laptop :) Cari I'm shocked that you are a MS-MVP and giving info like this.

I sucessfully upgraded a number of dell laptops: In fact dell even makes the services manuals available to people on the internet and give you step my step instructions on how to take the laptop apart. Though meant for servicing the device you can still use them for upgrading.

Case in point I purchased my Dell 8200 with the cheapest cpu 1.6ghz, and then down the road when the price fell enough upgraded to a 2.4ghz cpu which was the max for that model. The biois correctly detected the cpu, and windows also detected in correcty.

Brian

"Cari (MS-MVP)" wrote:

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In a notebook????? Are you joking? Get a new notebook. The CPU on a notebook is usually glued very firmly to the systemboard.

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Cari (MS-MVP)
Printing & Imaging
<http://www.coribright.com/windows>

"Matt Modica"
<matt.modica@xxxxxxxxxxx> wrote in message
<news:OmvS1IRWGHA.2080@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

I would like to upgrade from
an AMD Sempron 3000+:

AMD Sempron
Model SDA3100BABOX
Socket 754
Core Palermo
Single-Core
Operating Frequency
1.8GHz
HT 800MHz
L1 Cache 64KB+64KB
L2 Cache 128KB
Process Type 90 nm
64 bit Support No
Multimedia Instruction
MMX, SSE, SSE2,
3DNOW! Professional
Voltage 1.4V
Wattage: 25W

To an AMD Turion 64
Mobile MT-37:

AMD Turion 64 Mobile
Model TMSMT37BQX5LD
Socket 754
Core Lancaster
Single-Core
Operating Frequency
2.0GHz

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HT 800MHz
L1 Cache 64KB+64KB
L2 Cache 1MB
Process Type 90 nm
64 bit Support Yes
Multimedia Instruction
MMX, SSE, SSE2, SSE3,
3DNOW! Professional
Voltage 1.2V
Wattage: 25W

Link:

<http://www.newegg.com/Product/Produc...9103521#sctNav>

So I have 3 questions:

Would my motherboard
support it?

Details:

<http://www.sis.com/products/sism760gx.htm>

Would my BIOS support it?

Phoenix NoteBIOS version

3A18

Can I reuse my old
heatsink?