
Subject: Overclocking

Posted by [_SSnipe_](#) on Sat, 15 Nov 2008 20:05:56 GMT

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I always heard about it on here and never knew what it was, so I read it on wikipedia now my fats question is that is it safe and works?

Subject: Re: Overclocking

Posted by [Goztow](#) on Sat, 15 Nov 2008 20:16:20 GMT

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It works but it's a risk, especially if u have no clue about what you're doing.

Subject: Re: Overclocking

Posted by [nikki6ixx](#) on Sat, 15 Nov 2008 20:19:50 GMT

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Safe? Depends on what your definition of 'safe' is. Overclocking can shorten the life of your hardware, and if your cooling is insufficient, you can do a lot of damage. Plus, if you aren't sure of voltages, etc, you can fry your computer.

If the overclock is stable, and decent, then yes, you will notice a difference.

However, your Compaq may not be able to be overclocked anyway.

Subject: Re: Overclocking

Posted by [Caveman](#) on Sat, 15 Nov 2008 20:20:44 GMT

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Of course its safe. But its only safe if you know what you're doing. Just like any other thing.

Since you dont know what you're doing I wouldn't recommend that you attempt to overclock anything.

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Sat, 15 Nov 2008 20:24:47 GMT

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Ya i don't knwo shit about it so I don't want to fuck with it, if my pc dies I wont get a pc ever for many many years. damn that sucks

Subject: Re: Overclocking

Posted by [Gen_Blacky](#) on Sat, 15 Nov 2008 20:33:03 GMT

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You can always use your bios automated overclocking features stops stupid people from frying there pcs (all new motherboards have them). Overclocking is safe if you know what your doing. You need right amount of cooling and you need to know about the item your trying to over clock before you attempt anything. Overclocking can cause ware and tare on your hardware and decrease's there life time. Always after overclocking stress it to make sure its stable.

I like OCCT to test my cpu and memtest86+ for ram

Subject: Re: Overclocking

Posted by [Chuck Norris](#) on Sun, 16 Nov 2008 05:52:33 GMT

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Those assisted or "Auto" settings aren't the best either. They give more voltage than is necessary, although I understand why it is done in order to ensure stability, but I wouldn't recommend it. Most OEM PCs can't be overclocked anyway.

Subject: Re: Overclocking

Posted by [luv2pb](#) on Sun, 16 Nov 2008 06:06:13 GMT

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You have to be smart about it and know what your praticular processor can handle. Some can be over clocked more than others. I run my quad 2.4 at 3.0.

Subject: Re: Overclocking

Posted by [Doitle](#) on Sun, 16 Nov 2008 06:12:19 GMT

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After learning more about how semiconductor devices work while doing undergrad in Electrical Engineering I would never overclock something. These poor engineers trying to prevent clock skew and slew rate issues and then you go and wreck their masterwork! :)

Subject: Re: Overclocking

Posted by [JPNOD](#) on Sun, 16 Nov 2008 10:26:33 GMT

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I had a OC project once. Just for the fun and learning.

Celeron 2.0ghz to 3.1 Vcore to 1,95:S (AIR)

And the performance was still miserable.

P4 2.4 @ 3.2 forgot the vcore setting but I think it was default. (AIR)

Performance was better but not noticable ingame, in terms of digits yes.

The Celeron at a Vcore of 1,95v wouldnt live longer then a week at that setting.

The p4 would do just fine, might degrade life setting with 2/3 months. over the normal lifetime of a CPU 10 years?

Most people upgrade every 3 years.

Overclocking is a learning experience, and it could be actually a great hobby.

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Sun, 16 Nov 2008 17:02:34 GMT

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I have a AMD athlon 64 x2 dual core processor 3800+

Subject: Re: Overclocking

Posted by [z310](#) on Sun, 16 Nov 2008 17:59:26 GMT

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Doitle wrote on Sat, 15 November 2008 22:12After learning more about how semiconductor devices work while doing undergrad in Electrical Engineering I would never overclock something. These poor engineers trying to prevent clock skew and slew rate issues and then you go and wreck their masterwork! :)

hahaha ^5

Subject: Re: Overclocking

Posted by [Caveman](#) on Sun, 16 Nov 2008 18:10:23 GMT

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Dude dont even think about overclocking seriously, you lack the knowledge to do it and you will only end up frying your computer due to overheating.

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Sun, 16 Nov 2008 18:21:49 GMT

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Caveman wrote on Sun, 16 November 2008 10:10Dude dont even think about overclocking

seriously, you lack the knowledge to do it and you will only end up frying your computer due to overheating.

Ya after reading all this I agree

Subject: Re: Overclocking

Posted by [Canadacdn](#) on Sun, 16 Nov 2008 20:39:48 GMT

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You should always learn about stuff like this to avoid damaging your computer. Go and look up reports from other users who have overclocked the same hardware you have in your computer, and follow a guide if you can find one. Take things slow, and learn how to get familiar with the BIOS settings and what they do before you do any big overlocks.

Also, make sure you have decent cooling in your computer.

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Sun, 16 Nov 2008 21:00:45 GMT

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Canadacdn wrote on Sun, 16 November 2008 12:39

Also, make sure you have decent cooling in your computer.

Does a 20 inch fan blowing into it since i took the side cover off count? this cheap pc never came with a pc fan built in only a cpu one and thats it

Subject: Re: Overclocking

Posted by [z310](#) on Sun, 16 Nov 2008 21:11:51 GMT

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It probably didn't need one. :p

Subject: Re: Overclocking

Posted by [genetix](#) on Sun, 16 Nov 2008 23:43:39 GMT

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There's no point to overclocking. The risks FAR outway the benefits. It's more of a nerdy bragging rights thing. Unless you go all out your not going to get much of a performance game at all. I don't know about you guys but I don't walk around in games going, "wow this is running really smooth. Look at the blood spewing out of that guy over there having fun..."

Just play games. Who cares about these minimal performance gains? I'd rather be able to use my computer longer. When I'm playing I could care less about the image quality. That's why I still play renegade.

Subject: Re: Overclocking

Posted by [JeepRubi](#) on Sun, 16 Nov 2008 23:54:05 GMT

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I've overclocked my e6300 from 1.8ghz to 3.2 on stock cooling, I wouldn't call that a "minimal" performance gain.

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Mon, 17 Nov 2008 00:15:46 GMT

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Why I wanted to see about this since I cant snipe or shoot on ren, my fps is like fucking 30 and every time I try to shoot everyone's like skipping around my screen its not like warping with lag is like my frames freeze every seconds for like half a second and I cant ever even shoot a guy standing still

Subject: Re: Overclocking

Posted by [Dave Anderson](#) on Mon, 17 Nov 2008 00:22:46 GMT

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The moment you start thinking that you need to overclock, is the moment you need to start thinking about getting new parts. The moment you start thinking you can't afford new parts, is the moment you need to start thinking about getting a job. The moment you start thinking about how awful all of this sounds, is the moment you need to wake up and do something with your life.

Subject: Re: Overclocking

Posted by [MGamer](#) on Mon, 17 Nov 2008 00:36:06 GMT

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JeepRubi wrote on Sun, 16 November 2008 17:54 I've overclocked my e6300 from 1.8ghz to 3.2 on stock cooling, I wouldn't call that a "minimal" performance gain.
HOLY SHIT are you insane?

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Mon, 17 Nov 2008 00:36:24 GMT

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Dave Anderson wrote on Sun, 16 November 2008 16:22 The moment you start thinking that you need to overclock, is the moment you need to start thinking about getting new parts. The moment you start thinking you can't afford new parts, is the moment you need to start thinking about getting a job. The moment you start thinking about how awful all of this sounds, is the moment you need to wake up and do something with your life.

I agree but cannot

No car and no transport so every job thats hiring where I live is over 16 miles away so untill I can get one near by im stuck for now

Subject: Re: Overclocking

Posted by [Dave Anderson](#) on Mon, 17 Nov 2008 00:55:41 GMT

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That's unfortunate. I would consider the following then with your overclocking 'adventure'.

- Does motherboard and/or other peripherals even support overclocking?
 - Is the risk of having a dead computer worth it? (Trust me, it could die well before you're even in a position to purchase a new one)
 - Would it give you much of a performance boost? (In your case, probably not)
-

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Mon, 17 Nov 2008 01:00:16 GMT

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Dave Anderson wrote on Sun, 16 November 2008 16:55That's unfortunate. I would consider the following then with your overclocking 'adventure'.

- Does motherboard and/or other peripherals even support overclocking?
- Is the risk of having a dead computer worth it? (Trust me, it could die well before you're even in a position to purchase a new one)
- Would it give you much of a performance boost? (In your case, probably not)

After reading everything I prefer not to fuck with it also since Like I said that I have no money inc my family barely pays the bills so buying a new pc is not on the todo list

Subject: Re: Overclocking

Posted by [Oblivion165](#) on Mon, 17 Nov 2008 02:34:32 GMT

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I always say buy the hardware you need, not something you think you can double.

Subject: Re: Overclocking

Posted by [Gen_Blacky](#) on Mon, 17 Nov 2008 05:11:55 GMT

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Oblivion165 wrote on Sun, 16 November 2008 20:34I always say buy the hardware you need, not something you think you can double.

yea but when your cheap you want to squeeze out all the performance you can with the little you have haha

Subject: Re: Overclocking
Posted by [Homey](#) on Mon, 17 Nov 2008 05:19:34 GMT
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Overclocking is a great way to save money and have the room to future proof. Just make sure you know what you're doing.

Subject: Re: Overclocking
Posted by [jnz](#) on Mon, 17 Nov 2008 12:14:04 GMT
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I overclocked a CRT monitor once, to 2KHz...RIP.

Subject: Re: Overclocking
Posted by [Gen_Blacky](#) on Mon, 17 Nov 2008 22:06:49 GMT
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i overclocked my linkys router with new firmware and a fan cause it would over heat lol

Subject: Re: Overclocking
Posted by [IronWarrior](#) on Mon, 17 Nov 2008 22:19:57 GMT
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My AMD 2800+ is overclocked.

Subject: Re: Overclocking
Posted by [_SSnipe_](#) on Mon, 17 Nov 2008 23:16:01 GMT
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damn i wanna do it but then again dont

Subject: Re: Overclocking
Posted by [Gen_Blacky](#) on Mon, 17 Nov 2008 23:26:37 GMT
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what kind of pc do you ssnipe what are the specs

Subject: Re: Overclocking
Posted by [_SSnipe_](#) on Mon, 17 Nov 2008 23:37:37 GMT
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A Compaq Pesario SR5130NX Vista home premium
two 512mb sticks of ram total 1 gb

hope this helps

Subject: Re: Overclocking
Posted by [luv2pb](#) on Mon, 17 Nov 2008 23:43:52 GMT
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genetix wrote on Sun, 16 November 2008 18:43: There's no point to overclocking. The risks FAR outway the benefits. It's more of a nerdy bragging rights thing. Unless you go all out your not going to get much of a performance game at all. I don't know about you guys but I don't walk around in games going, "wow this is running really smooth. Look at the blood spewing out of that guy over there having fun..."

Just play games. Who cares about these minimal performance gains? I'd rather be able to use my computer longer. When I'm playing I could care less about the image quality. That's why I still play renegade.

I very much disagree with you. Though, yes, some do it simply to see how high they can actually go you can save a lot of money and gain a noticable difference in performance. My 2.4 quad runs at 3.0 ... I notice a difference when I'm hitting the top of one core. When I'm maxin out all four cores the difference is stupid.

There is little risk so long as you do two things. Stay within your CPUs tolerance and keep it cool. A lot of times (like in my case) that requires an after market heatsink/fan. I should take a pic of mine and post it.

SSnipe, what CPU do you have (be specific)?

Subject: Re: Overclocking
Posted by [_SSnipe_](#) on Mon, 17 Nov 2008 23:48:29 GMT
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SSnipe wrote on Mon, 17 November 2008 15:37: A Compaq Pesario SR5130NX Vista home premium
two 512mb sticks of ram total 1 gb

hope this helps

SiSoftware Sandra

System

Host Name :

User :

Workgroup :

Processor

Model : AMD Athlon(tm) 64 X2 Dual Core Processor 3800+

Speed : 2.01GHz

Model Number : 3800

Cores per Processor : 2 Unit(s)

Threads per Core : 1 Unit(s)

Type : Low Power, Dual-Core

Internal Data Cache : 2x 64kB, Synchronous, Write-Back, 2-way, Exclusive, 64 byte line size

L2 On-board Cache : 2x 512kB, ECC, Synchronous, Write-Back, 16-way, Exclusive, 64 byte line size

System

System : Compaq-Presario GC667AA-ABA SR5130NX

Platform Compliance : AMD LIVE!

Mainboard : ASUSTek Computer INC. IVY

Bus(es) : PCI PCIe USB i2c/SMBus

Multi-Processor (MP) Support : No

Multi-Processor Advanced PIC (APIC) : No

System BIOS : Phoenix Technologies, LTD 5.09

Total Memory : 896MB DDR2

Chipset

Model : AMD Athlon 64 / Opteron HyperTransport Technology Configuration

Front Side Bus Speed : 2x 1.00GHz (2.01GHz)

Total Memory : 1GB DDR2

Memory Bus Speed : 2x 335MHz (670MHz)

Video System

Adapter : NVIDIA GeForce 6150SE nForce 430 (128MB, PCI, SM 4.0)

Physical Storage Devices

Hitachi HDT725025VLA 250GB (Fibre Channel, NCQ) : 233GB (C:) (D:)

ST3160023AS 160GB (USB) : 149GB (Z:)

Generic-Compact Flash (USB) : N/A (F:)

Generic-SM/xD-Picture (USB) : N/A (G:)

Generic-SD/MMC (USB) : N/A (H:)

Generic-MS/MS-Pro (USB) : N/A (I:)

KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R) : N/A (K:)

KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R) : N/A (M:)

KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R) : N/A (N:)

KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R) : N/A (O:)

Logical Storage Devices

COMPAQ (C:) : 224GB (NTFS) @ Hitachi HDT725025VLA 250GB (Fibre Channel, NCQ)
Recovery (D:) : 9GB (NTFS) @ Hitachi HDT725025VLA 250GB (Fibre Channel, NCQ)
CD-ROM/DVD (K:) : N/A @ KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R)
CD-ROM/DVD (M:) : N/A @ KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R)
CD-ROM/DVD (N:) : N/A @ KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R)
CD-ROM/DVD (O:) : N/A @ KHQNYTO KPEBWPENWP (SCSI, BD-R, HD-DVD-R, DVD+-R-DL, CD-R)
Master Backup (Z:) : 149GB (NTFS) @ ST3160023AS 160GB (USB)
Removable Drive (F:) : N/A @ Generic-Compact Flash (USB)
Removable Drive (G:) : N/A @ Generic-SM/xD-Picture (USB)
Removable Drive (H:) : N/A @ Generic-SD/MMC (USB)
Removable Drive (I:) : N/A @ Generic-MS/MS-Pro (USB)

Peripherals

LPC Hub Controller 1 : HP MCP61 LPC Bridge
LPC Hub Controller 2 : HP MCP61 SMBus
Audio Device : HP MCP61 High Definition Audio
Audio Codec : Realtek Semiconductor 888 High Definition Audio
USB Controller 1 : HP MCP61 USB Controller
USB Controller 2 : HP MCP61 USB Controller
System SMBus Controller 1 : nVidia MCP5+ SMBus 1
System SMBus Controller 2 : nVidia MCP5+ SMBus 2

Network Services

Network Adapter : NVIDIA nForce Networking Controller (Ethernet, 100Mbps)

Power Management

Mains (AC) Line Status : On-Line

Operating System(s)

Windows System : Microsoft Windows Vista Home 6.00.6001 (Service Pack 1)
Platform Compliance : x86

Windows Experience Index

Current System : 3.0

Performance Tips

Warning 100 : Large memory sizes should be made of Registered/Buffered memory.
Tip 2546 : Large memory modules should be ECC/Parity.
Tip 2 : Double-click tip or press Enter while a tip is selected for more information about the tip.

Subject: Re: Overclocking

Posted by [z310](#) on Tue, 18 Nov 2008 00:04:11 GMT

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Try to buy a cheap but better video card.

Subject: Re: Overclocking

Posted by [IronWarrior](#) on Tue, 18 Nov 2008 00:37:33 GMT

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Yes you need a video card, how can you play without one? :/

Subject: Re: Overclocking

Posted by [_SSnipe_](#) on Tue, 18 Nov 2008 01:26:26 GMT

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IronWarrior wrote on Mon, 17 November 2008 16:37Yes you need a video card, how can you play without one? :/

lol, Lets see i get like 20 bucks every other week, which since xmass is coming up goes on gifts other then that i have to use my own money for haircuts,bus, etc etc untill i can find a job but without a car and there not hiring for another 10 miles idk wat to do but wait and my mom takes care of my 6 year old niece and goes to school and works till nite and also does everything else, clean buy food ect ect so we dont have much money so ya....rather vid card....or xbox 360...so ya

Subject: Re: Overclocking

Posted by [jnz](#) on Tue, 18 Nov 2008 08:38:16 GMT

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SSnipe wrote on Tue, 18 November 2008 01:26IronWarrior wrote on Mon, 17 November 2008 16:37Yes you need a video card, how can you play without one? :/

lol, Lets see i get like 20 bucks every other week, which since xmass is coming up goes on gifts other then that i have to use my own money for haircuts,bus, etc etc untill i can find a job but without a car and there not hiring for another 10 miles idk wat to do but wait and my mom takes care of my 6 year old niece and goes to school and works till nite and also does everything else, clean buy food ect ect so we dont have much money so ya....rather vid card....or xbox 360...so ya

I'd have a Nvidia NV1 over an xbox anyday.

Subject: Re: Overclocking

Posted by [Goztow](#) on Tue, 18 Nov 2008 08:42:05 GMT

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Video gaming is so overrated.

Subject: Re: Overclocking

Posted by [thrash300](#) on Fri, 21 Nov 2008 06:05:21 GMT

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SSnipe wrote on Sat, 15 November 2008 14:05 I always heard about it on here and never knew what it was, so I read it on wikipedia now my fats question is that is it safe and works?

Well overclocking your hardrive does have a plus side to it having a faster read and seek speed is great, thought you will probably end up frying it in a few days or a week depending on how much you use your computer. Your best bet would be a Solid State hardrive because they are just about the fastest hardrives around, thought they are limited in sized and capacity, you should only use it along side an external hardrive for example having a 20G.B. solid state hardrive and a 300G.B. external hardrive can benefit you in the long run by enabling to use your computer in a more faster and efficient way by not having to wait for the hardrive to spin up because it is Solid State but in terms of storing files you would use the external hardrive.
