

Re: RAM question

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2007-09/msg00444.html>

- *From:* AW <AW@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 23 Sep 2007 08:52:02 -0700
-

Thanks everyone

I will answer the questions using the tool that I have just downloaded.
I have copied and pasted just the top bit of the information. If you want
the whole lot I can do this but as you say may irritate others.

Thanks

-----[EVEREST Home Edition (c) 2003-2005 Lavalys, Inc.
]-----

Version EVEREST v2.20.405
Homepage <http://www.lavalys.com/>
Report Type Quick Report
Computer D6700 (Andrew's Machine)
Generator Andrew Wilson
Operating System Microsoft Windows XP
Professional 5.1.2600 (WinXP Retail)
Date 2007-09-23
Time 16:42

-----[Summary
]-----

Computer:
Operating System Microsoft Windows XP
Professional
OS Service Pack Service Pack 2
DirectX 4.09.00.0904
(DirectX 9.0c)
Computer Name D6700 (Andrew's
Machine)
User Name Andrew Wilson

Motherboard:
CPU Type Intel Celeron, 2400
MHz (24 x 100)
Motherboard Name MSI 865PE Neo2-PS
(MS-6728 v2.0) (5 PCI, 1 AGP, 4 DDR DIMM, Audio)
Motherboard Chipset Intel Springdale

Re: RAM question

i865PE

System Memory 512 MB (PC3200 DDR
SDRAM)

BIOS Type AMI (02/05/04)

Communication Port Communications Port
(COM1)

Communication Port Communications Port
(COM2)

Communication Port Printer Port (LPT1)

Display:

Video Adapter NVIDIA GeForce FX
5200 (128 MB)

Video Adapter NVIDIA GeForce FX
5200 (128 MB)

3D Accelerator nVIDIA GeForce FX 5200

Monitor Plug and Play

Monitor [NoDB] (7547TI005636)

Multimedia:

Audio Adapter Intel 82801EB ICH5 –
AC'97 Audio Controller [A-2/A-3]

Storage:

IDE Controller Intel(R) 82801EB

Ultra ATA Storage Controllers

IDE Controller Intel(R) 82801EB

Ultra ATA Storage Controllers

Floppy Drive Floppy disk drive

Disk Drive Maxtor 6Y160M0 (160

GB, 7200 RPM, SATA)

Optical Drive LITE-ON LTR-52327S

(52x/32x/52x CD-RW)

Optical Drive PHILIPS DVDR1660P1

SMART Hard Disks Status OK

Partitions:

C: (NTFS) 31267 MB (13336 MB
free)

D: (NTFS) 31267 MB (12900 MB
free)

E: (NTFS) 31267 MB (31199 MB
free)

F: (NTFS) 31267 MB (21336 MB
free)

H: (NTFS) 31259 MB (31189 MB
free)

Total Size 152.7 GB (107.4 GB
free)

Input:

Re: RAM question

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Keyboard HID Keyboard Device
Mouse Wireless TwinTouch+
Optical Value

Network:

Network Adapter Realtek RTL8169/8110
Family Gigabit Ethernet NIC (192.168.1.135)
Modem Best Data Data Fax
Modem

Peripherals:

Printer EPSON Stylus Photo
RX420 Series
USB1 Controller Intel 82801EB ICH5 –
USB Controller [A-2/A-3]
USB1 Controller Intel 82801EB ICH5 –
USB Controller [A-2/A-3]
USB1 Controller Intel 82801EB ICH5 –
USB Controller [A-2/A-3]
USB1 Controller Intel 82801EB ICH5 –
USB Controller [A-2/A-3]
USB2 Controller Intel 82801EB ICH5 –
Enhanced USB2 Controller [A-2/A-3]
USB Device Generic USB Hub
USB Device USB Composite Device
USB Device USB Human Interface
Device
USB Device USB Human Interface
Device

—

AW

"Gerry" wrote:

AW

Try to answer Paul.s questions.

Could you tell us the make and model number of the motherboard ?
Or, if you bought the computer from Dell or HP, what the make and
model number of the computer is ?

This freeware programme is excellent for getting information about
your computer:

Everest Home Edition (freeware)

<http://www.majorgeeks.com/download4181.html>

Tip: To copy select Report, Quick Report, Plain Text, highlight

Re: RAM question

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required text, right click and select copy. However, whilst this is fine for posting small amounts of information into newsgroup messages longer reports will irritate other newsgroup subscribers.

Hope this helps.

Gerry

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FCA

Stourport, England

Enquire, plan and execute

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AW wrote:

Paul

Please see below.

Go and everyone else who has contributed – many thanks for your advice.

I am not too good with computers but just know the basics. I think that you are correct and I've become horribly confused. I was looking at the first screen (which you say is the DOS screen) and didn't know that 128MB of RAM was the maximum that can load. Right clicking 'My Computer' does show 512MB of RAM.

I had a problem some months ago when video games and sometimes other applications locked up totally and I had to restart. I was advised on another forum (or possibly this one) to alter the BIOS setting 'DRAM Timing Settings' to an 'AGP Aperture Size' of 256MB i.e half my total RAM. Does this mean therefore that I have lost 256MB of my RAM before I even start computing?

I will ask my original question again and hope that someone can answer it. If I buy another 512MB stick of RAM will I see a big difference in performance or hardly any? If I did buy the stick and installed it should I up the 'DRAM Timing Settings' to an 'AGP Aperture Size' of 512MB or leave it at 256MB.

Many thanks again

AW wrote:

Do you mean under the 'Performance' Tab?
Physical Memory (K)
Total 523K

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Available 127K
System Cache 234K

Kernel Memory (K)
Total 59772
Paged 41784
Unpaged 17988

Does this tell you anything and if so is it incorrect and how do I remedy the situation? As I said earlier I was going to buy a similar 512MB and put this in – would this help?
Thanks

Could you tell us the make and model number of the motherboard ?
Or, if you bought the computer from Dell or HP, what the make and model number of the computer is ? (Because we may be able to figure out the motherboard and chipset from that info.)

Some chipsets have limits to the range of addresses they can generate for row and column address. If you plug a 512MB DIMM into a chipset which supports 256MB sized sticks max, sometimes that will register as a 128MB stick. The reduction in capacity is due to the limitations of addressing in the hardware.

Usually, you'll get some warning of this, if you visit Crucial.com or Kingston.com and use their search engine for memory upgrades. Based on seeing the limits of the size of memory they are selling, that will give you a hint as to what DIMMs might be too big for the computer.

Paul

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