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Topic: AGP, IDE,SCSI...........
Subject: Re: AGP, IDE,SCSI...........
Posted by: Tim Luo
Posted on: 2006/5/6 17:01:30

Quote:

123 wrote:
è«‹å••é€™äº›....AGP,IDE,SCSI,BIOS,COME1,PS2,NIC,CGI,ISA,PCI?

These should be mostly hardware related terms, only CGI is software related. Let me try to answer what each of them stands for first and then group them in different categories.

AGP = Accelerated Graphics Port

IDE = Intelligent Drive Electronics or Integrated Drive Electronics

SCSI = Small Computer System Interface

BIOS = Basic Input/Output System

COM1 = Communications port 1

NIC = Network Interface Card

CGI = Common Gateway Interface

ISA = Industry Standard Architecture

PCI = Peripheral Component Interconnect

CGI is a software part that allows you to use programs to communicate with a web server.

BIOS is the program that is built into a computer hardware that control the basic operations of all the hardware on a system. The basic hardware usually includes the keyboard, the display and disk drives. When a system is turned on, the BIOS performs some functions to make sure these hardware pieces are working basically ok.

ISA, PCI, IDE and SCSI

ISA and PCI usually refer to the system bus on a system. We usually identify them from the slots on the ma inboard as they look different to each other. There are a way to allow other devices to communicate with the system. ISA devices need to be inserted into ISA slots and PCI devices can only be inserted into PCI slots. Modern PCs mostly only have PCI slots.

IDE and SCSI usually refer to devices of different specifications. Most of the devices are hard disk

drives and CD/DVD ROMs. If they are not built-in, they can communicate with the system thru either ISA or PCI slots. Of course PCI is the mainstream now. And generally speaking SCSI devices are more expensive, but the offer better performance.

AGP is also in the form of a slot and is dedicated to display card use only. This means it's for display cards that conform to the AGP specification.

NIC is just the network card that lets you connect to the outside world now if you are not using dial-up connections. It is usually inserted into one of the slots on the ma inboard.

COM1 and PS2 are usually made in the form of some connection parts for you to connect outside devices to the computer. These usually mouse and keyboard.

Lastly, you can go to http://www.webopedia.com to get more detailed information.

Tim