



KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI
UNIVERSITAS DIPONEGORO
FAKULTAS SAINS DAN MATEMATIKA

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UJIAN TENGAH SEMESTER GASAL TAHUN AKADEMIK 2021/2022

Mata Kuliah	:	BAHASA INGGRIS
Prodi	:	S1 Informatika
Kelas	:	A – B – C
Hari/Tanggal	:	Kamis, 14 Oktober 2021
Jam/Ruang	:	14.00 – 15.30/ Ms Teams
Pengampu	:	Dra. R. Aj. Atrinawati, M.Hum.

Computer Server

Have you ever heard the term of computer server? Maybe once and not infrequently you're wondering about the definition, usability, and its parts. Indeed, what is a server computer? It is a computer with a particular service on a network. This computer is like a parent who store and manage information, and distribute to other computers in order to be used together.

This type of computer is used either in the Internet or in an intranet network. In general, this computer will operate for 24 hours without stopping in order to provide maximum service to the users. It also has a working system has a server computer specs that are much different from the client computer. It must be great to many times to be able to provide long-term duration of service and quality remains.

Good specs certainly not just on the outside or the hardware, but the software is also included. This is evidenced through the operating system owned by the server with a special design.

Components of Server

Components of the server computer consist of a wide variety of hardware together with regular components in the client computer. Nevertheless, the components on the server as well as a class have a much higher quality because it will function with many compositions. The following explanation will tell you what these components are.

Motherboard

The motherboard is a circuit board inside a computer with all the components in your computer be connected. This is the core of a computer that is referred to as 'mother'.



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The main components on the motherboard including the processor (CPU), a circuit called the chipset, memory, expansion slots, IDE hard drive controllers, and input / output (I / O) ports for devices such as keyboard, mouse, and printer. Some motherboards also have additional features such as graphics adapters, SCSI disk controller, or network interface.

Processor

The processor, or CPU (Central Processing Unit), is the brain of the computer. Although the processor is not the only component that affects the overall system performance, but this is the first component of people think of when they want to buy a computer server.

Memory

When you want to have a category of computer servers, then do not make too much savings. Many types of memory available, so you need to choose the right type of memory to match the memory supported by the motherboard. Total memory capacity of the server depends on the motherboard.

Hard drives

Most desktop computers use a cheap hard drive called IDE drives (sometimes also called ATA). The drive is enough for individual users, but because the performance is more important for a server, other types of drives are known as SCSI is typically used instead.

The network connection

The network connection is one of the most important parts of any server. Many servers have a network adapter built into the motherboard. If your server is not equipped with it, you will need to add an adapter card for a separate network.

Power supply

Because the server usually has more devices than regular desktop computers, would require greater power (300 watts in general). If the server has a hard drive, in smaller amounts, may require greater power.

The Functions of Computer Servers

There are several functions that can be found on this server, among others, are as follows.



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1. Application server

This server has the function to store a wide variety of applications that will be accessed by the client computer. For example, the central computer or server stores online application transaction that can later be used on the intranet or internet.

2. Proxy

Proxy server is a function of a meaningful set of network traffic with proxy settings. Many people are more familiar with the proxy server in order to connect between the client computer with the internet.

3. Database server

Provides access to the database is one of the most important functions of a computer server. A relational database storage structure information is compact and efficient, and allows quick access to large volumes of data.

In a business office setting, a database can be used to store the contact details of the customer and order information, as well as shipping and payment notes. By accessing the server via a local network, multiple employees can retrieve and update information from the database throughout the day as the business is conducted.

A. Answer the following questions briefly.

1. What is the definition of computer server?
2. State and explain briefly about Components of server!
3. What is CPU stand for?
4. What are the functions of Computer Servers?
5. What is the use of Database?

B. Write T if the statement is True and F if it is False

1. T Components of the server computer consist of a wide variety of hardware.(4)
2. F Motherboard is the brain of the computer.(7) it should be Processor/CPU
3. F CPU is part of the Hard drive. It's different components
4. F Proxy provides access to the database. Function of computer server
5. T Database can be used to store the contact details of the customer and information. Last paragraph

C. Choose the appropriate word

1. This fire doesn't give out much ... [**heat, hot, heater, hotly**]



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2. I don't want to about politics. [**argument, argumentative, argue, argumentatively**]
3. Some people want to ...the possession of guns. [**legality, legal, legalize, legally**]
4. A mother usually looks after her children [**protection, protective, protect, protectively**]
5. Is this his voice? [**origin, original, originate, originally**]

D. Find the antonym from the bold word

Released, innocent, sold, false, denied, confirmed, doubtful, agreed, artificial, worked

1. Two men were **arrested** yesterday morning.
2. My parents **bought** a wallet two days ago.
3. The two men were finally proven **guilty**.
4. He said that the manuscript(naskah) was **original**.
5. My sister **admitted** that the shoes belonged to her.

E. Find the topic

Conversation 1

Y: What's wrong with it?

X: I'm not sure. I clicked on a spam email and this pop-up message appears.

Y: Did you install an antivirus software?

X: Yes, I did.

Y: It's easy, then. You can do it yourself. Just open the antivirus and run a virus scanner.

X: That's pretty easy. Thanks!

- 1) What are these people talking about?
- 2) Where are they?
- 3) Write three words that helped you guess

Conversation 2



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X: Could you tell me how to turn a desktop computer?

Y: It's easy. Switch on the power supply and the CPU.

X: Yes. It shows a blue wallpaper.

Y: That is a welcome screen and then it will show a home screen.

X: Then, how do you start browsing the internet?

Y: Make sure that it connects to the internet and open the Mozilla Firefox or Google Chrome.

X: I see it now. Thank you so much!

- 1) What are these people talking about?
- 2) Where are they?
- 3) Write three words that helped you guess

Conversation 3

X: Why does my computer run very slowly?

Y: Are you sure it's not because it opens too many programs?

X: No. I also hear the sound of the hard drive constantly.

Y: You're right. Do you think it might be a virus?

X: I think so. An unfamiliar program started by itself as well.

Y: Let's just bring it to a service center.

X: OK.

- 1) What are these people talking about?
- 2) Where are they?
- 3) Write three words that helped you guess