

JOB2: DESKTOP ASSEMBLE AND DISASSEMBLE PROCESSING

The Sequence For Computer Assembly

1. Open The Case
2. Install The Power Supply
3. Attach The Components To The Motherboard
4. Install The Motherboard
5. Install Internal Drives
6. Connect All Internal Cables
7. Install Motherboard Power Connections
8. Connect External Cables To The Computer
9. Boot The Computer For The First Time

Step 1: Open The Case - The First Step In Assembling A Computer Is To Open The Computer Case. To Open The Case, First Remove The Screws Of The Left Side Cover And Slide The Side Cover.

Step 2: Install The Power Supply - The Next Step Is To Install A Power Supply. There Are Usually Four Screws That Attach The Power Supply To The Case.

Step 3: Attach The Components To Motherboard - The Motherboard Has To Be Prepared Before Its Installation. To Prepare The Motherboard, You First Need To Install The CPU, Then The Heat Sink On The CPU And CPU Fan. Connect The Assembly Power Cable To The CPU Fan Connector On The Motherboard. Some components of name of Motherboard:

- CPU.
- RAM memory.
- Basic input/output (BIOS) system.
- Chipsets.
- Cooling fans.
- Adapter cards and expansion slots.
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Step 4: Install motherboard - After Preparing The Motherboard, You Can Install In The Computer Case.

Step 5: Install internal drives - The Hard Drive Is The Device Which Stores All The Data. Connect The Power Cable Coming From The SMPS To The Power Socket Of Hard Disk Drive. Connect SATA Data Cable From Hard Disk Drive Socket To The Motherboard Socket

Step 6: Connect all internal cables - Power Cables Are Used To Distribute Electricity From The Power Supply To The Motherboard And Other Components. Data Cables Transmit Data Between The Motherboard And Storage Devices, Such As Hard Drives.

Step 7: Install motherboard power connections - The Advanced Technology Extended (ATX) Main Power Connector Will Have Either 20 Or 24 Pins.

Step 8: Connect external cables to the computer –

Connecting Monitor: The VGA Cable Is Used To Connect To Monitor.

Connecting Keyboard: Connecting Keyboard If It Uses A USB Connector, Plug It Into Any Of The USB Ports On The Back Of The Computer

Connecting Headphones Or Speakers, And Microphone: Connect The External Speakers Or Headphones, To Computer's Audio Port (Either On The Front Or Back Of The Computer Case).

Connect A Power Supply: Power Supply Cable Connect Into The Back Of The Computer Case.

Connecting Printer, Scanner, Webcam:

Step 9: Starting the computer - Always Remember That The First Step Is To Push Power Button Of The CPU Than The Monitor's. An Operating System Or System Software Like Window Or Linux Will Start Loading, Now Your Computer Is Ready To Use.

Procedure for Computer Disassembling

Step 1: Unplugging

Step 2: Open The Case

Step 3: Disconnect All The Connectors

Step 4: Remove The Fan

Step 5: Remove The Power Supply

Step 6: Removing HDD And Optical Drive

Step 7: Remove RAM (Random Access Memory) Modules

Step 8: Remove Expansion Cards

Step 9: Remove Motherboard

Step 10: Reassemble The Components

THANK YOU FROM AN.MAMUN