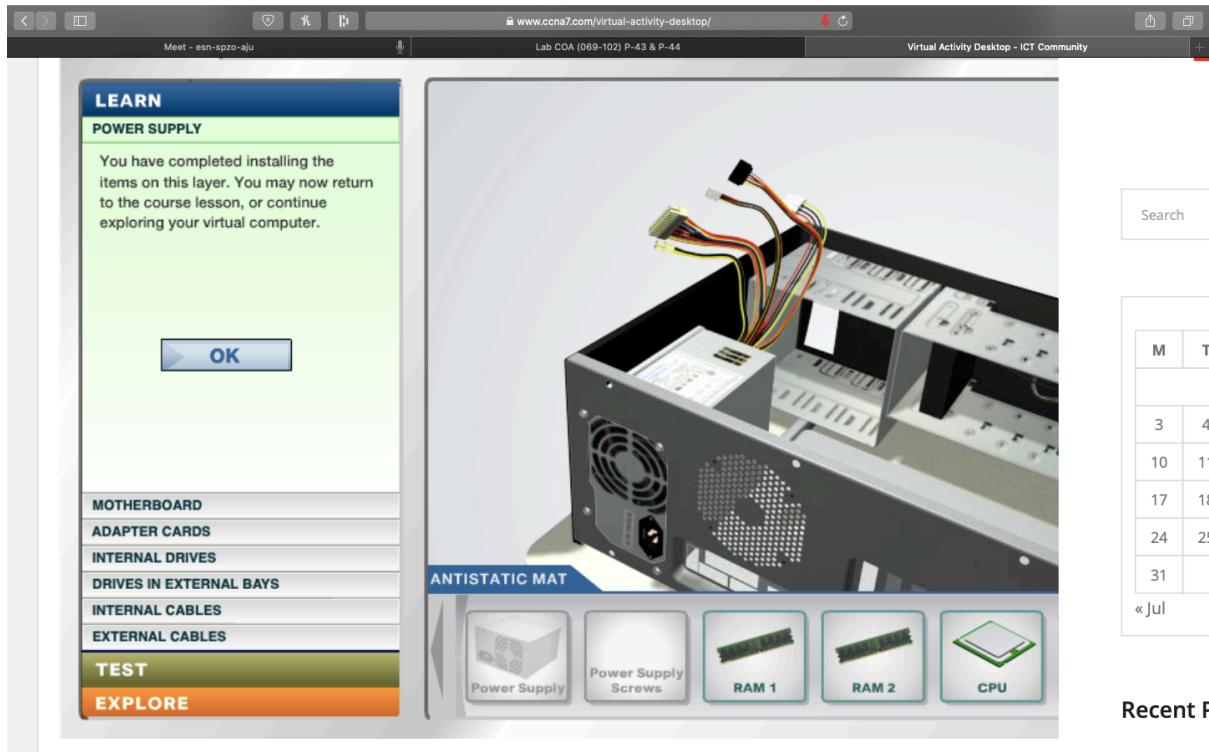


Virtual Desktop

Rahul Goel
RA1911030010094

Power Supply



A power supply provides the needed voltage to power the various electronic circuits that make up the PC.

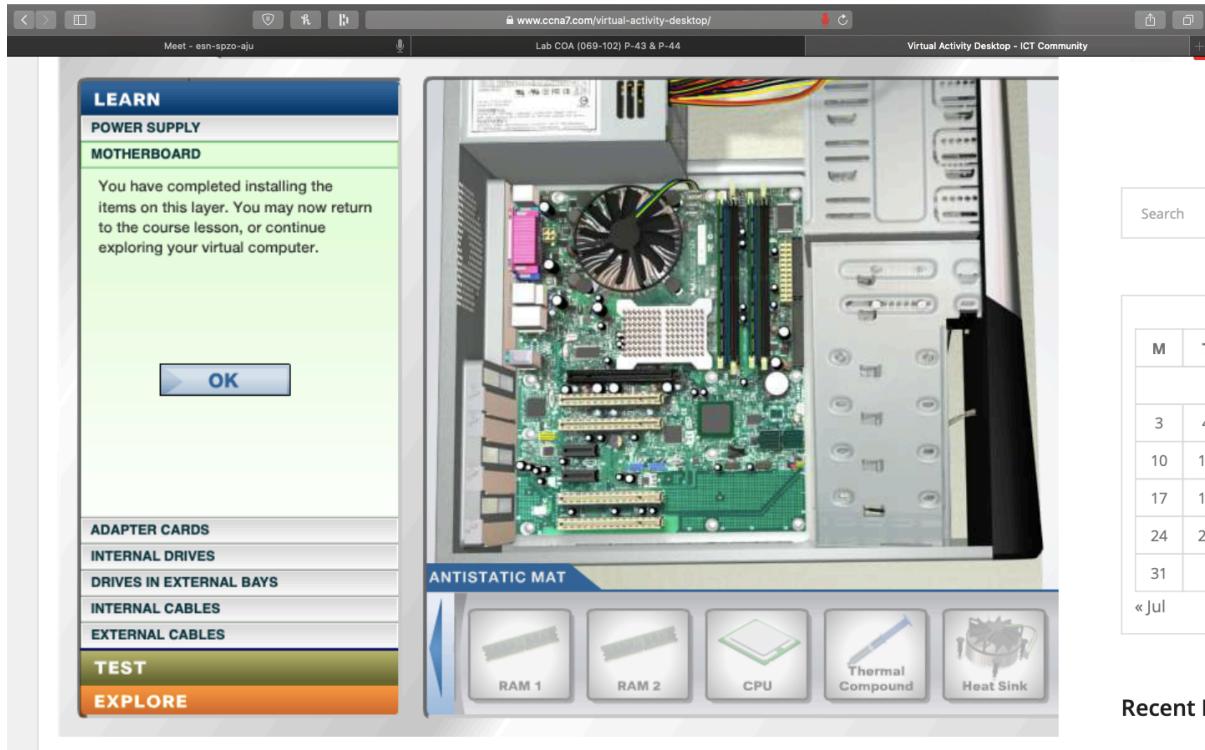
Motherboard

The motherboard is the main printed circuit board that connects all the components of the computer.

On the motherboard, you will work with the following components:

CPU

- Thermal compound
- CPU heat sink/fan assembly
- RAM module (2)



- Motherboard

Adapter Cards

Adapter cards are installed on the motherboard to add functionality to your computer.

- A network interface card (NIC) is an adapter card used to connect your computer to a network.
- A wireless NIC is an adapter card used to connect your computer to another computer or a wireless access point using radio signals.
- A video adapter is an adapter card that sends data to a computer display.

Internal Drives



The hard disk drive (HDD) is a magnetic drive that stores large amounts of data on fixed media.

Install the HDD into the case.

Drives in External Bay



The CD-RW/DVD drive is an optical storage device that reads and writes information to CDs and reads DVDs.

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IT Essentials Virtual Desktop

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- ADAPTER CARDS
- INTERNAL DRIVES
- DRIVES IN EXTERNAL BAYS
- INTERNAL CABLES

You have completed installing the items on this layer. You may now return to the course lesson, or continue exploring your virtual computer.

OK

EXTERNAL CABLES

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Floppy Drive Screws **PATA Cable** **Floppy Cable** **SATA Cable** **Case Panels**

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A floppy disk drive (FDD) is a magnetic drive that reads and writes information to floppy diskettes.

Install the Optical Drive and FDD.

Internal Cables

Connect all internal cables to the appropriate computer components. Be sure to match Pin 1 to Pin 1 when connecting cables to the devices.

Connect the cables to the devices:

- 20-pin ATX Power
- 4-pin Auxiliary Power
- SATA Power
- Molex Power
- Berg Power
- Case Fan Power
- SATA
- PATA
- Floppy Drive

External Cables

Screenshot of the Cisco IT Essentials Virtual Desktop interface. The main window shows a desktop setup with a tower, monitor, keyboard, and mouse. A message box on the left says: "You have completed installing the items on this layer. You may now return to the course lesson, or continue exploring your virtual computer." Buttons include "OK", "TEST", and "EXPLORE". The right side features a search bar, a calendar for August, and a "Recent Posts" section.

www.cccna7.com/virtual-activity-desktop/ Lab COA (069-102) P-43 & P-44 Virtual Activity Desktop - ICT Community Subscribe to YouTube Cisco Training Center

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TEST

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Mouse USB Ethernet Wireless Antenna Power Cord

To complete the computer assembly, attach the panels and secure them to the case using the panel screws. You are now ready to connect the external cables to the ports on the back of the computer.

Connect the cables to the computer:

- Monitor
- Keyboard
- Mouse
- USB
- Ethernet
- Parallel
- Power