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**Desktop computer disassembly**

If you have a camera or smartphone, take a picture of the inside of the computer case to be used as a reference when reassembling the computer.

#### Questions:

What type of screwdriver did you use to remove the screws?

The Phillips screwdriver

***Type your answers here.***

How many screws secured the side panels?

There are no screws (0).

Which type of data cable did you disconnect?

USB, SATA2, Sata 3 (6 GB) data cables.

What type of screws secured the hard drive to the case?

1. The hard disk has rail to slide into place.

***Type your answers here.***

How many screws secured the hard drive to the case?

0

What kind of data cable did you disconnect?

1 Usb front panel cable and 2 Serial ATA cable 12in.

Is there a jumper on the optical drive? What is the jumper setting?

I didn’t see a jumper in the optical drive but the setting in the other optical drive would be slave or master. In other words we used this setting to know what optical drive is first.

How many screws secured the optical drive to the case?

1

List the adapter cards and the slot types below.

| **Adapter Card** | **Slot Type** |
| --- | --- |
| Video Graphic Adapter (VGA) card | Pci Express x16 graphic slot. |
|  |  |
|  |  |
|  |  |
|  |  |

What type of memory modules are installed on the motherboard?

4GB DDR1

***Type your answers here.***

How many memory modules are installed on the motherboard?

2 memory modules.

What types of cables were disconnected?

We disconnected an eight-pin power cable, a sata cable, a fan cable, an usb front panel cable, a speaker cable, and an eight pin to sata adapter.

**Do not remove the CPU; show your teacher an empty case.**

**Desktop computer assembly**

**Install the Power Supply**

* + What is the voltage in your area?

110-120v

* + ***Type your answers here.***
  + How many screws secure the power supply in the case?

4 screws

* + ***Type your answers here.***
  + What is the total wattage of the power supply?

365w

* + ***Type your answers here.***

**Install the Motherboard**

* In what type of slot(s) will the RAM module(s) be installed?

memory slot.

* How many notches are found on the bottom edge of the RAM module?

two.

**Install Adapter Cards**

* What type of expansion slot is compatible with the NIC?

PCI Express

* What type of expansion slot is compatible with the wireless NIC?

PCI Express

* What type of expansion slot is compatible with the video adapter card?

PCI Express x16

**Call your teacher to verify your work.**