

Computer Devices Table

Instructions:

- 1) Create a table with **4 columns** and **15 rows** (**Insert → Table → Insert Table**).
- 2) Select a table style from Grid Table 4 (**Table Tools → Design → Table Styles**)
- 3) Transcribe the information below **EXACTLY** as you see it. **Word Count = 603**
 Font sizes (**Home → Font**): Column titles = 22; Device = 16; Definition & Necessary? = 12
- 4) Use the Internet to find a **picture** each device (**Insert → Illustrations → Online Pictures**)
- 5) Activate **center** align after highlighting your whole table (**Table Tools → Layout → Align Center**)

Device	Definition	Necessary?	Picture
Central Processing Unit (CPU)	A square shaped device that uses logic to perform basic arithmetic and execute the instructions received from apps	Yes! Would your body work without your brain?	
Motherboard	The biggest component inside computers, tablets and smartphones. EVERYTHING connects to this device in order to work together	Yes! Heart of the computer	
Hard Disk Drive or Solid State Drive (HDD/SSD)	A computer's long-term memory = when you save a file to a computer, it gets stored on this device so you can use it again later.	Yes! No HDD or SSD = A person with amnesia	
Video Card or Graphics Processing Unit (GPU)	This device sends images to a screen so we can see what an app wants us to see. It also helps out the CPU with some processing so images/videos look a little 'prettier'.	Yes! Your monitor would be a heavy paperweight without a video card	
Sound Card	This device allows us to hear whatever sounds and app wants us to hear. It also gives us a chance to bring sounds into an app (using a microphone/aux cable).	No... but would you want a computer that is deaf and mute?	
Random Access Memory (RAM)	A computer's short-term memory = This is where a file goes while you are currently using it. RAM is much faster than an HDD, and even an SSD, so it helps your computer run quicker.	Yes! No RAM = Computer wont boot up	
PC Power Supply	This device brings electricity in to each device that needs it. It usually requires a big fan	Yes! No electricity = A computer is dead... i.e. won't turn on	

	to keep it from overheating.		
Network Interface Card (NIC)	Fast wired internet connection = This device has a port to plug in an Ethernet cable from your modem/router to your computer.	No! Especially since most computers now come with a wireless way to connect to the internet	
WiFi Antenna	Wireless internet connection = This device usually has an external antenna on a PC (its internal on a smartphone/tablet). Way slower than a wired connection in the case of most users	Nope... but really nice to have unless you like running miles of Ethernet cable in your home	
Optical Drive	This device is used to play a, or record on, a CD, DVD, or Blu-ray disc. Large capacity and external HDDs/SSDs have replaced the need for this device for most people.	No. Only people that have to have physical media will keep these drives alive	
Flash (Thumb) Drive	Portable storage device = come in all shapes and sizes but essentially they do the same job as an HDD/SDD but with smaller capacity.	No, but sooooo convenient when you want to take files off one device for backup or sharing	
Mouse	A device that detects two-dimensional motion relative to a surface. It allows a computer user to click on icons/buttons on the GUI of their OS.	No... but if definitely makes using a computer way more user friendly, especially while using most apps	
Keyboard	Typewriter-style device that has an arrangement of keys that allow the user to communicate while on a computer. Like flash drives, they come in various styles and layouts, based on what language you know.	Yes... old computers won't even boot up without a keyboard connected to it	
Monitor/Screen	The device that shows you all processing your CPU and GPU did. These used to be CRTs but now most are LCDs	Um yeah! Have you ever tried using a computer with a monitor/screen not there? Exactly	

For extra credit: Alphabetize the devices and use a different font color and font type for each row in your table.