

Buying A Desktop Computer

You're looking for a desktop PC and with a market full of choices, how do you sort through the various brands, specs, and add-ons to make sure you're getting the best deal on the best desktop computer? Before you buy consider:

Who, what, where

Who will be using the computer, what will it be used for, and where will it be used? A home computer and a business computer will have different requirements. Knowing what you need will help you identify the right system features and benefits.

The powers that be

Two things to remember about desktop processors: speed means your programs will run faster; size means you can run multiple programs at the same time. The most common PC processors are made by Intel (I Series) and AMD (Ryzen & Athlon).

Memory

You need enough system memory, or RAM, to perform your required tasks. A minimum of 8GB of DDR3/4 memory should support modern desktop computer operating systems for general office and home use. Serious gaming, graphic arts, or multi-media production will require something closer to 32GB.

The art

The graphics card helps your desktop computer render pictures. There are two types of graphics solutions, integrated, which are not replaceable, and discrete solutions which can be upgraded. For a basic desktop PC, look for a 2-4 GB graphics card. If you need more oomph, bump it up to 6 GB. ATI and Nvidia are common graphics card providers.

The real estate

One benefit of a desktop computer is the option to have a really big hard drive. Hard drive capacity is important since this is where all of your resident programs and files are stored. Look for a 250GB to 500GB SSD hard drive for a basic desktop system and up to 2TB SSD hard drive for gaming and artistic users

The magic

The operating system is your desktop PC's main program. It governs every task and makes that complex behind-the-scenes computing look like windows, menus, and tool bars. Consider speed, security, disk space requirements, and compatibility with third-party applications.

The view

Desktop computer monitor sizes vary. The emphasis is on resolution, color, and profile. Screen resolution is the number of colored pixels (think rectangles) used to display everything you see on your monitor. The higher the resolution, the more pixels used, the better the image looks. For a 24-27-inch monitor, shoot for a resolution of 1920 x 1080.

Other features

You'll want a couple of Universal Serial Bus, or USB ports, for connecting peripherals to your desktop PC. Digital Video Interface, DVI or High Definition Multimedia Interface, HDMI are necessary for video and audio transmitting. A CD/DVD burner/player is useful for offloading and uploading data.

Best deal. Best system.

Whatever your computer price point, high-end, mid-range, whether you're looking for a low-price desktop computer, a low-cost desktop PC, an inexpensive all-in-one computer, a cheap PC, a top-rated desktop PC or even a refurbished desktop, PC SOLUTIONS has a desktop computer system to suit your lifestyle and your budget.