

# How to buy a computer monitor that suits your needs.

Choosing a computer monitor is a crucial step because each type of monitor offers a different user experience. So, what are the criteria for buying a computer monitor? Let's explore how to choose the best computer monitor in the article below.

Choosing a computer monitor is crucial because it significantly impacts your experience, whether you're a gamer or simply an office worker. For professionals, the choice of monitor is often simply about price, but for non-professionals, it's different. Optimizing screen display and choosing a monitor that allows for aesthetically pleasing **wallpaper changes** also greatly influence your selection.



## How to choose the right computer monitor

With the following suggestions from TipsMake, you can find a useful reference when choosing a computer monitor for work, gaming, or even for general viewing needs.

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### *How to buy a computer monitor that suits your needs.*

#### *1. Screen size*



When buying a computer monitor, the first thing you need to consider is the screen size. Currently, monitors on the market range in size from 15 inches to 34 inches with various designs. Choosing the right size is crucial. If you have basic entertainment needs or primarily use it for office work, you can choose a monitor around **17 to 19 inches** with a viewing distance of 30 to 50 cm. If you're primarily focused on entertainment, the most suitable screen size for gaming and eye protection is around **22 to 24 inches** . This is also the common size in internet cafes in Vietnam today, and occasionally some cafes use monitors up to **27 inches** .

As for monitors **30 inches and larger**, they are usually used by professional designers; however, you should also note that these products are very expensive.

#### *2. Screen resolution*



After screen size, resolution is also a frequently discussed topic, especially since it directly impacts the user experience. Currently, monitors typically have resolutions ranging from **1366 x 768 pixels** for budget models , to **1600 x 900 pixels** , and the most common is **1920 x 1080 pixels** , a resolution sufficient for sharp and accurate images. Some high-end monitors may offer resolutions like 2560 x 1080 pixels with a 21:9 aspect ratio for a wider viewing experience. However, this type of monitor is usually only used for design work and image editing.

Of course, the most advanced monitors currently available are the latest 2K and 4K resolutions. However, buying a 4K monitor in the 25- to 27-inch size range is wasteful and unnecessary. Therefore, the **1920 x 1080 pixel** resolution is the optimal and most popular choice.

### 3. *Response speed, contrast*

These are two features that salespeople can easily use to trick you into buying if you don't understand them: response speed and contrast.

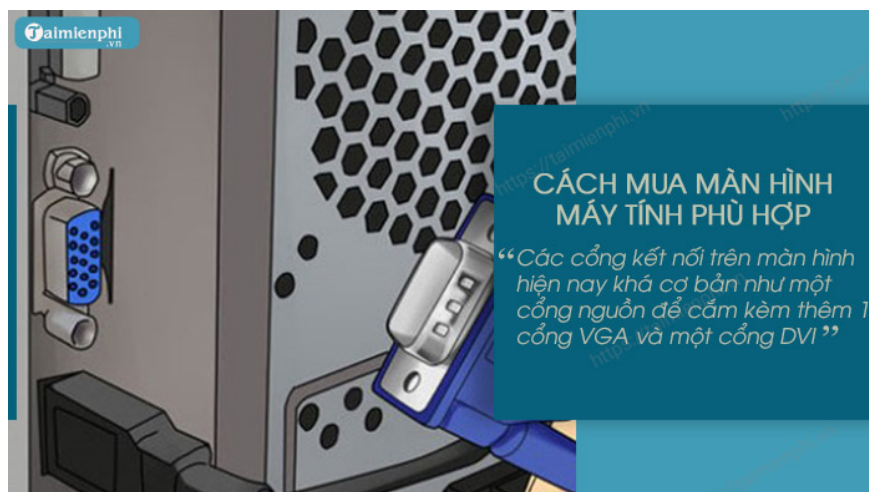
- **Response time** here is measured in milliseconds, or ms, and is the speed at which information is transmitted from the screen's processing unit to the display. Most monitors today achieve a response time of around 10ms to 5ms, and none seem to be lower than this. A 5ms response time is very fast, so you should pay attention to this detail when choosing a computer monitor.

- **Contrast Ratio:** This refers to the ratio between the brightest and darkest parts of the screen at any given time. Currently, a screen with a contrast ratio of around 2000:1 or 5000:1 is more than sufficient for most users. For sharper images, various factors are involved, and advertisements for 10,000:1, 12,000:1, or even higher are often just marketing gimmicks.

### 4. *Product cost*

When it comes to cutting-edge technology and premium features on monitors, the price is also commensurate. Therefore, you need to choose carefully to suit your needs. However, to own a basic monitor with full functionality, such as a size of around 22 to 24 inches with a resolution of 1920 x 1080 pixels, you only need 2 to 3 million VND. Of course, for those who do simple office work, a monitor priced under 2 million VND with a size of 17-19 inches and a slightly lower resolution is sufficient; some special models can still achieve 1920 x 1080 pixels for budget computer monitors.

### 5. *Display ports*



The connection ports on monitors today are quite basic, such as a power port, along with a VGA port and a DVI port. However, you should pay more attention when buying a computer monitor because having an additional HDMI port is also very necessary. Some special monitor models also include USB ports, but this isn't very important for a monitor.

## ***6. Other display technologies***

In addition to the features mentioned above, manufacturers today are adding many screen technologies such as HDR display, color enhancement technology, screen technologies like Progressive Scan, and interlaced image blending technologies. Therefore, before buying an additional monitor, you should research the product line you are interested in before making a purchase.

Above are 6 features TipsMake wants you to pay attention to when looking at a computer screen. For those who don't want to use a desktop computer and prefer a laptop for its versatility, checking a newly purchased laptop is essential for TipsMake readers. Checking a **newly purchased laptop** will help you get the best device before using it.

Currently, there are many laptop brands available, so choosing which brand to buy is a question for many users, especially students. Whether to buy a Dell, Asus, or Acer laptop depends on your preferences and work requirements.

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