

# Fret select LCD screen - CRT

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## Size difference

With the launcher screen (CRT), the actual size is usually smaller on paper. For example a screen 32 'ie diagonal length is 32'. However, a 17-type CRT monitor has only 15.7 'diagonal length of the image display section. LCD liquid crystal display has no restrictions.

## Application

If you are an extremely fastidious person about your game or work that requires better, more vivid graphics capabilities, then a large CRT monitor is a good choice. LCD screen with outstanding image quality, modern design and less eye damage will satisfy ordinary users. When buying a CRT, buy 17 'or more. Similarly, buy a 17 'LCD monitor instead of 15' because the price difference is not much.

## Price

The price of LCD monitors on the day is reduced: it only costs 200 USD to buy a 19 'LCD monitor. However, with the categories from 21 'or more, the price increased by half to double. For example, a 21 "LCD monitor costs \$ 250, while larger models cost \$ 400 or more.

## Screen by set

If you buy a branded computer and are not satisfied with the type of monitor included? The best way is to choose a different company that meets relative requirements. Alternatively, instead of the entire set, buyers can go to distribution stores and choose the PC, UPS, DVD ROM, hard drive etc. for the "manual assembly" computer, so that they can find like the screen.

## Not all are flat

When buying a monitor, do not equate the flat screen LCD. The only way to know is to ask if it is an LCD or CRT monitor before buying.

## Important points to keep in mind when choosing to buy LCD monitors



**Aesthetics** : Compared to CRT, the LCD screen has a trendy and sleek look. The products now have elegant designs, neatly arranged control bars. The volume of a 15 'LCD monitor is just over 1kg, a little heavier at 17', very convenient for moving. In addition, manufacturers have designed power sources outside so the minimum thickness of the current screen background is less than 1.5cm.

**Viewing angles** : Although CRT leads the way in this respect, the viewing angle of the LCD is further expanded. The LCD's maximum viewing angle is now larger than 160 degrees - more than enough for any purpose.

**About color display** : CRT screen clearly dominates. However, the best LCDs today also respond quite well and for ordinary users it is difficult to recognize the difference when compared. The difference in this color display can increase or decrease the quality of LCD screen compare.

**Contrast** : Traditional CRT always has better contrast than LCD. Recently some LCD products have caught up with CRT screens in this capacity. Contrast displays true color tones even when the light is low. Therefore, this is the most important factor for game or movie applications.

**Dead spots**: Dead spots are inactive pixels on the LCD screen. Cannot fix the dead point of the screen. The dead spot will be visible with a white background or on startup. There are still many manufacturers wondering about the replacement warranty terms for screens with dead spots. In contrast, the leading manufacturers do not hesitate to change the screens with errors during the warranty period. Therefore, when choosing to buy an LCD, check the warranty terms regarding the dead spot. Quickly install the test immediately after purchase to ensure it can be covered within the specified time.

**Energy consumption** : LCD screen consumes very little power - from 25 - 50 W. While with a 15 'CRT monitor, the power consumption is up to 60 - 80 W and about 70 - 150 for screen. pictures 17 'and 19'.

**About image display**: LCD screen displays 2 times brighter images than CRT. It is recommended to choose LCD when using the monitor in a bright environment.

**Magnetic noise** : LCDs are not affected by magnetic noise - unlike CRT. Many LCD monitors have a built-in stereo system and do not have to prevent magnetic noise. Thus reducing the costs for consumers and manufacturers.

**Response speed** : For LCD monitors, response speed is an important factor related to game or movie applications. It is time that a pixel on the screen can change color. Currently most monitors have high response speed. You should choose a screen with a response time of at least 2ms if you need to play the game.

**Flickering** : The most inconvenient aspect of CRT monitors is vibration, or low scanning frequency, which can cause headaches when used daily. This makes the CRT monitor manufactured more limited. The default scanning frequency in Windows is 60 Hz, until the screen is installed, the operating system will receive the installation file and adjust the frequency according to the parameters of the screen. According to the VESA standard, the minimum scan frequency is 72 to avoid eye strain. 85 Hz is the ideal frequency for 17-inch CRT users. Scanning frequency is not a problem for LCD monitors at all. Usually there are two types of scan frequencies to choose from for LCD monitors, so follow the manufacturer's recommendations

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