

7 Crucial Considerations Before Buying Your Next TV Monitor



Factor	Description	Considerations
Screen Size And Viewing Distance	Choosing the right screen size involves balancing room size and viewing comfort. A guideline suggests multiplying the screen size by 1.5 to 2.5 to determine the appropriate distance for 4K resolution.	Measure your seating area to avoid an oversized or undersized screen that could cause eye strain or difficulty seeing details.
Display Technology	The type of display technology affects picture quality and room ambiance. LED is affordable and reliable, OLED delivers perfect black levels and vibrant colors, and QLED offers enhanced brightness and color for well-lit rooms.	Assess the level of sunlight in your room to determine the most suitable display technology.
Screen Resolution	Resolution affects image clarity, with 4K Ultra High Definition being the standard for most homes. It provides sharp and detailed visuals, while 8K offers greater clarity but limited content availability.	Choose 4K for affordability and practicality, and look for High Dynamic Range support for vibrant colors.
Refresh Rate	The refresh rate determines motion smoothness. Standard panels refresh at 60Hz, while 120Hz panels provide smoother motion for fast-paced content like sports or video games.	Opt for a 120Hz panel for activities requiring smooth motion handling.
Smart Features And Operating Systems	Smart TVs rely on an operating system for intuitive navigation and app integration. User-friendly systems like Roku or Samsung's Tizen make it easy to access favorite content and control connected devices.	Ensure compatibility with your smart home devices for better convenience.
Built-In Audio Quality	Modern TVs have slim designs but lack space for high-quality audio. Features like Dolby Atmos improve sound, but an external soundbar or surround sound system may be necessary for the best experience.	Consider audio enhancements or plan for external speaker setups to complement your TV.
Connectivity And Port Options	Adequate HDMI and other port options are essential for connecting devices like gaming consoles and cable boxes. HDMI eARC supports high-quality two-way audio between TVs and soundbars.	Plan connections in advance to maintain an organized entertainment area.