

# **XL2546X+ Gaming Monitor for Esports**

**Best-in-Class Motion Clarity – The Top Choice for Global FPS Tournaments.**

**The Pro's Choice for Unmatched Performance**

**Fast TN Improvement for Esports**

**Sharper and Clearer than IPS**

**Compared to typical IPS panel, a Fast TN panel provides clearer and sharper outlines of overall moving images, helping you focus and have less distractions from the unwanted afterimage of the motions in-game.**

- **CS2**
- **VALORANT**

**Overshoot Reduced with  
Newly Developed Fast TN Panel**

**This newly developed panel applies faster electrical conductivity design, enhancing responsiveness of the liquid crystal and reducing the overshoot more effectively.**

**Faster Recovery During Flash Bangs**

**The blinding whiteness fades away much faster compared to IPS panel technology, giving players the advantage of seeing enemy outlines earlier.**

**Better Color Performance**

**The XL2546X+ has been meticulously redesigned to enhance color performance, offering more vibrant hues and greater clarity in identifying enemies.**

Regular TN panel



New TN panel



**Discover The Fast-TN Advantage**

**Latest Dynamic Accuracy Technology  
(DyAc 2)**

**Best-in-Class Motion Clarity**

Through ZOWIE's exclusive panel hardware design, DyAc/DyAc<sup>+</sup>/DyAc 2 provide best in-class motion clarity and better overall visual experience.

- CS2
- VALORANT

#### **New Dual Backlight Design**

With its dual backlight technology, DyAc 2 enhances performance in blur reduction while it offers a soft light output, facilitating eye adaptation.

- CS2
- VALORANT

[Learn More About DyAc/DyAc<sup>+</sup>/DyAc 2](#)

#### **New Auto Game Mode**

##### **Automatically Adjusts Color Modes**

Automatically switches color modes based on screen content, saving setting adjustment hassles and enhancing switching-free gaming experience.

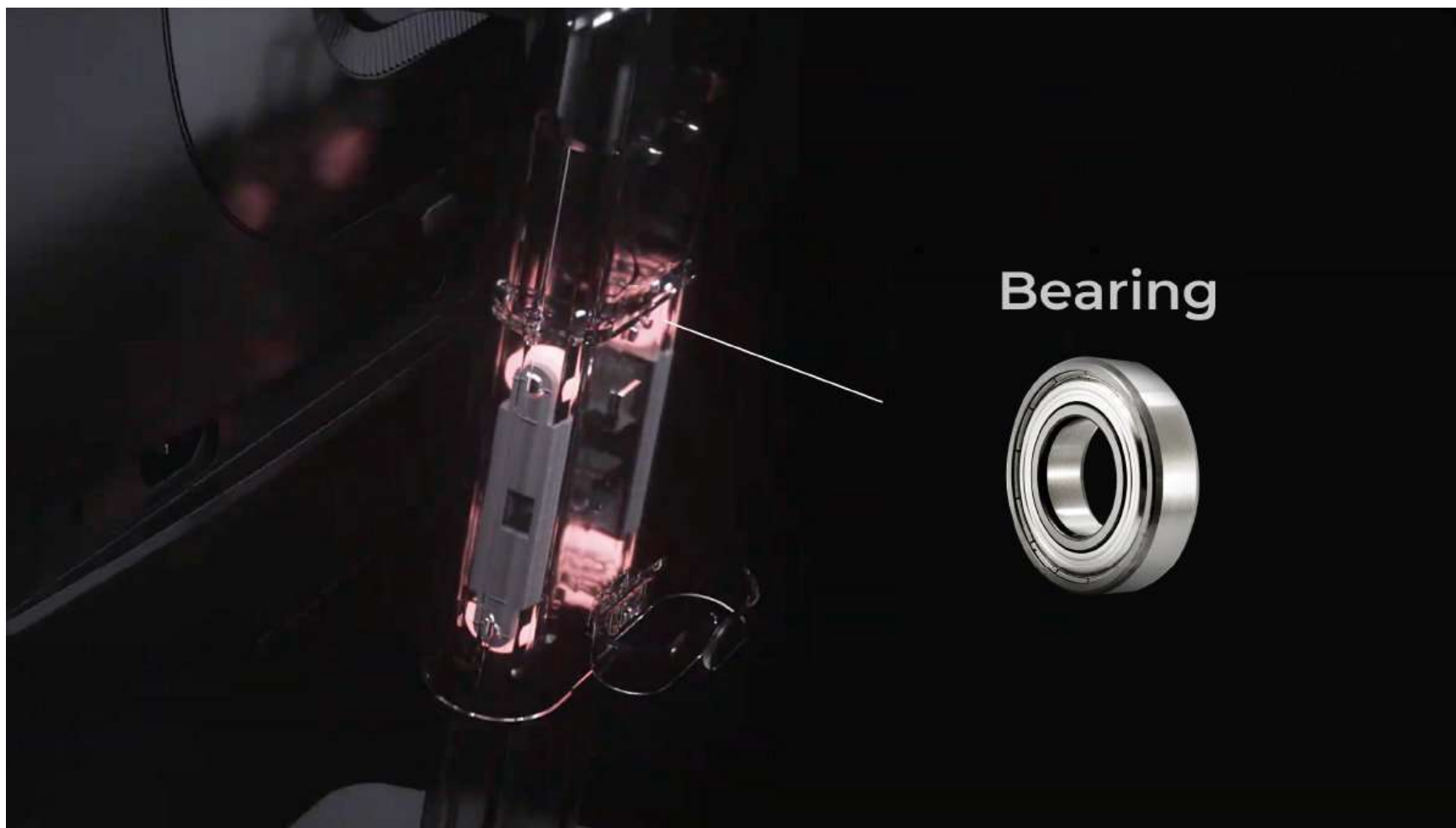
[Learn More About XL Setting To Share™](#)

#### **Comfort & Adjustability**

New monitor stand incorporates industrial-grade bearings into the height adjustment mechanism, allowing easier and smoother adjustment to preferred height.

##### **Industrial-Grade Height Adjustment**

---



**Precise Positioning to the Desired Height**

---

**Specifications**

## Display

|                                    |                                                           |
|------------------------------------|-----------------------------------------------------------|
| <b>Screen Size</b>                 | 24.1 inch                                                 |
| <b>Aspect Ratio</b>                | 16:9                                                      |
| <b>Display area (mm)</b>           | 535.68 x 298.08                                           |
| <b>Pixel Pitch (mm)</b>            | 0.279 mm                                                  |
| <b>Native Contrast</b>             | 1000:1                                                    |
| <b>Refresh Rate</b>                | 280 Hz                                                    |
| <b>Brightness (typ.)</b>           | 320 nits                                                  |
| <b>Max. resolution (PC/Laptop)</b> | 1920 x 1080 at 280Hz (DP 1.2)                             |
| <b>Max. resolution (Console)</b>   | 1920 x 1080 at 120Hz for PS5 / Xbox series X/S (HDMI 2.0) |

|                                |             |
|--------------------------------|-------------|
| <b>Panel Type</b>              | TN          |
| <b>Fast liquid crystal</b>     | Yes         |
| <b>Audio</b>                   |             |
| <b>Headphone Jack</b>          | Yes         |
| <b>Power</b>                   |             |
| <b>Voltage Rating</b>          | 100-240V    |
| <b>Power Supply</b>            | Built-in    |
| <b>Power Consumption (max)</b> | <65W        |
| <b>Dimension and Weight</b>    |             |
| <b>Tilt (down/up)</b>          | -5 ° - 35 ° |
| <b>Swivel (left/right)</b>     | 45 ° / 45 ° |

|                                |                                      |
|--------------------------------|--------------------------------------|
| <b>Height Adjustment Stand</b> | 155 mm                               |
| <b>Net Weight (kg)</b>         | 5.8                                  |
| <b>Gross Weight (kg)</b>       | 11.5                                 |
| <b>K Locker</b>                | Yes                                  |
| <b>VESA Wall Mount</b>         | 100x100 mm                           |
| <b>Dimensions (HxWxD) (mm)</b> | 576.15x517.3(High)/362.3(Low)x171.65 |

#### Accessories

|                    |                                 |
|--------------------|---------------------------------|
| <b>S Switch</b>    | Yes                             |
| <b>Shield</b>      | Yes                             |
| <b>Video cable</b> | DP 1.2 (1.8m) / HDMI 2.0 (1.8m) |

|                    |       |
|--------------------|-------|
| <b>Power Cable</b> | 1.8 m |
|--------------------|-------|

#### Connectivity

|                           |   |
|---------------------------|---|
| <b>HDMI (v2.0)</b>        | 3 |
| <b>DisplayPort (v1.2)</b> | 1 |

#### Eye Care

|                                |                  |
|--------------------------------|------------------|
| <b>Low Blue Light</b>          | Yes              |
| <b>Flicker-free Technology</b> | Yes (DyAc 2 off) |

#### Gaming

|                        |     |
|------------------------|-----|
| <b>Color Vibrance</b>  | Yes |
| <b>DyAc2</b>           | Yes |
| <b>Black eQualizer</b> | Yes |

|                              |                           |
|------------------------------|---------------------------|
| <b>Variable Refresh Rate</b> | Yes (DyAc 2 off)          |
| <b>Software</b>              |                           |
| <b>XL Setting to share</b>   | Yes (with Auto game mode) |