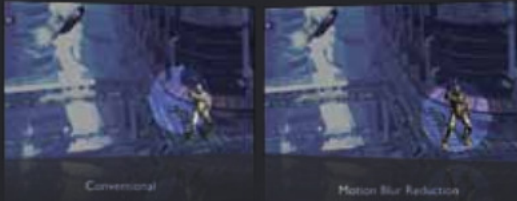


# XL ULTIMATE ESPORTS GAMING MONITOR

## Motion Blur Reduction for Extra Clarity Throughout the Game



BenQ's new Motion Blur Reduction technology further enhances an ultra-smooth, free-of-blur gaming experience, particularly for action-packed FPS games where every millisecond count. With Motion Blur Reduction, gamers no longer suffer from time and gaming comfort lost to poor vision quality created by motion blur and lagging. Instead, they have everything to gain with more reaction time advantage on their side to achieve ultimately a flawless victory.

## Low Blue Light as Eye Safety Precautionary Measure



Practice long hours with clear, comfortable vision or compete with top-notch vision condition with BenQ's new Low Blue Light. The blue spectrum light, which is a critical cause of eye damage, eyestrain, headaches and sleeping disorders. Now with the offering of various adjustable low blue light levels, gamers can better protect their eyes. So there would be no need for yellow tinted eyeglasses for additional eye protection, and gameplay can be clear, comfortable and hassle-free!

## Gaming Refresh rate Optimization Management (GROM)

As the world's leading brand in gaming monitor, BenQ manages to provide more than just the refresh rate feature for different resolutions to reach more levels of optimal refresh rates (100/120/144Hz) with Gaming Refresh rate Optimization Management (GROM), which aims to bring users the incomparable gaming performance. With the gamer-driven GROM that collaborates with Display Mode and Smart Scaling strengths, BenQ offers a total refresh rate solution for gaming enthusiasts.

## Gaming-comfort Flicker-free Technology

Developed in collaboration with pro gamers, the XL2420Z has been upgraded to eliminate flickering at all brightness levels. This effectively reduces eye fatigue and elevates gaming performance through extreme visual comfort for even the most hardcore gamers enrolling long hours in action. Armed with the Gaming-comfort Flicker-free Technology, the BenQ Gaming Monitor is an epic weapon over your ultimate rivals.

# SPECIFICATIONS

Product Name	XL2420Z	
Display		
Backlight Unit/ Panel Type	LED/TN	
LCD Size/ Aspect Ratio	24"W/16:9	
Resolution (max.)	1920x1080	
Pixel Pitch (mm)	0.276	
Brightness (typ.)	350 cd/m <sup>2</sup>	
Contrast (typ.)	1000:1	
Dynamic Contrast Ratio (typ.)	12M:1	
Viewing Angle (L/R;U/D) (CR>=10)	170/160	
Vertical Refresh Rate	100/120/144Hz	
Response Time	1ms(GTG)	
Inputs, Outputs, Accessories		
Input / Output Connector	D-sub + DVI-DL + HDMIx2 + DPI.2/Headphone jack	
Signal Cable	VGA cable, DVI DL cable, USB cable	
Accessories	S Switch, Dust Cover	
Power		
Power Supply (90~264 AC)	Built-in	
Power Consumption	On Mode	24W
(Based on Energy Star test criteria)	Power Saving Mode	0.5W
Gaming Exclusive Feature		
Motion Blur Reduction	Yes	
Low Blue Light	Yes	
Black eQualizer /Smart Scaling	Yes/Yes	
Display Mode	17" (4:3)/19" (4:3)/19"W (16:10)/21.5"W (16:9)/22"W (16:10)/23"W (16:9)/23.6"W (16:9)/24"W (16:9)	
FPS / RTS Mode/ Game Mode Loader	Yes/Yes/Yes	
Special Feature		
Flicker-free Technology	Yes	
Windows 8/ Windows 7	Yes/Yes	
HDCP	Yes	
VESA Wall Mounting	100x100 mm	
Pivot / Swivel (Left/Right)	90°/35°/35°	
Tilt (Down/Up)	-5°/20°	
Height Adjustment Stand (mm)	130 (adjustable down to the base)	
K Locker	Yes	
3D	NVIDIA® 3D Vision™ 2 ready	
Dimensions & Weight		
Dimensions (HxWxD mm)	516x571x149	
Net Weight (kg)	6.1	

### Design Awards



BenQ professional gaming monitors are used by prominent gamers to perfect their gameplay.



- Arsenic Mercury-free LED-backlit display
- Recycled papers in packaging box
- Eco-friendly ink printing in packaging box
- BFR/PVC-free casing plastics



### Dealer's Stamp



Because it matters