

PRODUCT DATA SHEET



TGM-V32CQ

Curve Gaming Monitor

Gaming Monitor

Product Name : TGM-V32CQ

Product NO : GM-GCE-32CEQB-US

Product Position : Curve Gaming Monitor

SPECIFICATION

Size		31.5 inch
Model Name		TGM-V32CQ
Opencell		VA
ID	Picture	
LCD Panel	Display size	31.5" Diagonal White LED-Backlight
	Brightness(Typical)	400nits
	Colour Gamut	DCI-P3 90%
	Contrast(Typical)	3000:1 (Typical)
	Active Area(mm)	697.3(H) x 392.3(V)
	Pixel Pitch(mm)	0.272(H) x 0.272(V)
	Resolution (H x V)	2560*1440
	Aspect Ratio	16:9
	Response Time(Typical)	GTG 4ms,MPRP 1ms
	View Angles LR,UD(CR>10)	H 178°/ V 178°
	Panel Surface	Anti-glare
	Display Colors	1.07B colors (8bit+frc)
PC Input Range	Horizontal Freq.	50 to 240KHz
	Vertical Freq.	48 to 170Hz
	Max. display frequency (Resolution H*V/Fv)	2560*1440/170 Hz

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Interface	Input 1	HDMI 2.0 x 2
	Input 2	DP 1.4x1
	Input 3	AC in x 1
	Input 4	N/A
Output TermiN/AI	USB	N/A
	Earphone	Audio out x 1
	Speaker(Typic)	N/A
Power	Consumption(Typical)	On: ≤58W Standby≤0.5W, Off≤0.5W
	Power Range	AC 100-240V 50/60Hz
	Power Mode Indicator Light	Power on : White (LED) Power saving : White Flicker (LED)
Operating Condition	Temperature	0°C ~ 40°C
	Humidity	20% ~ 85%, non-condensing
Physical	Dimension (W*D*H)	704.6*262.5*588.9mm
	Packing Dimension (W*D*H)	809*231*605mm
	Net Weight	7.5kg
	Gross Weight	10.7kg
	Tilt	-5°±2°~ 20°±2°
	High Adjustable Arm	110 ± 5mm
	Swivel	'-20°(+/-2°) ~+20°(+/-2°)
	Pivot	'-90°(+/-2°) ~+90°(+/-2°)
	Kensington Lock	YES
	VESA Mounting	75x75mm

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Controls	Front Control	Menu, Left, Right Auto/Enter, Power
	On Screen Display	Standard OSD format
	Color	WARM,COOL, User Mode
	Preset Mode	Standard, Movie, Eye care,FPS,RTS
Accessory	Power Cable	YES (1.5M)
	Adapter	N/A
	VGA Cable	N/A
	Audio Cable	N/A
	DVI Cable	N/A
	HDMI-DVI Cable	N/A
	HDMI-HDMI Cable	N/A
	DP Cable	DP 1.2 (1.5M)
	User Manual(Paper)	YES
	Quick Start Guide(Paper)	YES
Green Product (Jan. 2009)		YES
HDMI Logo		YES
Certification		TBD
Windows 10		YES
Others		HDR 10,PC99 function(must),Flicker-free,blue-free,G-SYNC Comptible,Freesync(Adaptive sync)

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FEATURES

- Immersive QHD (2560x1440) resolution brings fine details to life
- 170Hz refresh rate for blur-free gameplay
- 1ms(MPRT) response time provides smooth visuals
- HDR 10 creates rich, contrasting environments
- Ultra-thin bezels provide an immersive edge-to-edge picture
- AMD FreeSync Premium / G-SYNC Comptible
- Flicker-free display with low blue light means less eye-straining for marathon game sessions
- 1000R curvature - greater curvature than standard (1800R) curved monitor for improved immersion

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ALL NEW TECH

1000R curvature

Resolution: QHD
2560×1440

Refresh rate: 170Hz

1ms response time

Flicker-free



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SEE EVERY MOMENT AT ITS CLEAREST

The Monitors have a high-speed refresh rate of 170Hz and a 1ms response time, experience smooth gaming with a blazing fast refresh rate and response time, that gives you the upperhand in fast moving games.



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178 DEGREES OF WIDE VIEWING ANGLE

By having a large viewing angle, gaming monitors has more leeway for placing your monitor in your setup without giving up the optimal viewing experience. Colors and details will stay sharp at more angles compared to other monitors with less viewing angles.



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VIEW WIDER, FIGHT BETTER

Feature a WQHD panel that supports resolution up to 2560x1440. This 16:9 panel allows gamers to examine bigger game scenes compared to other traditional FHD panels, and put them ahead of other competitors.



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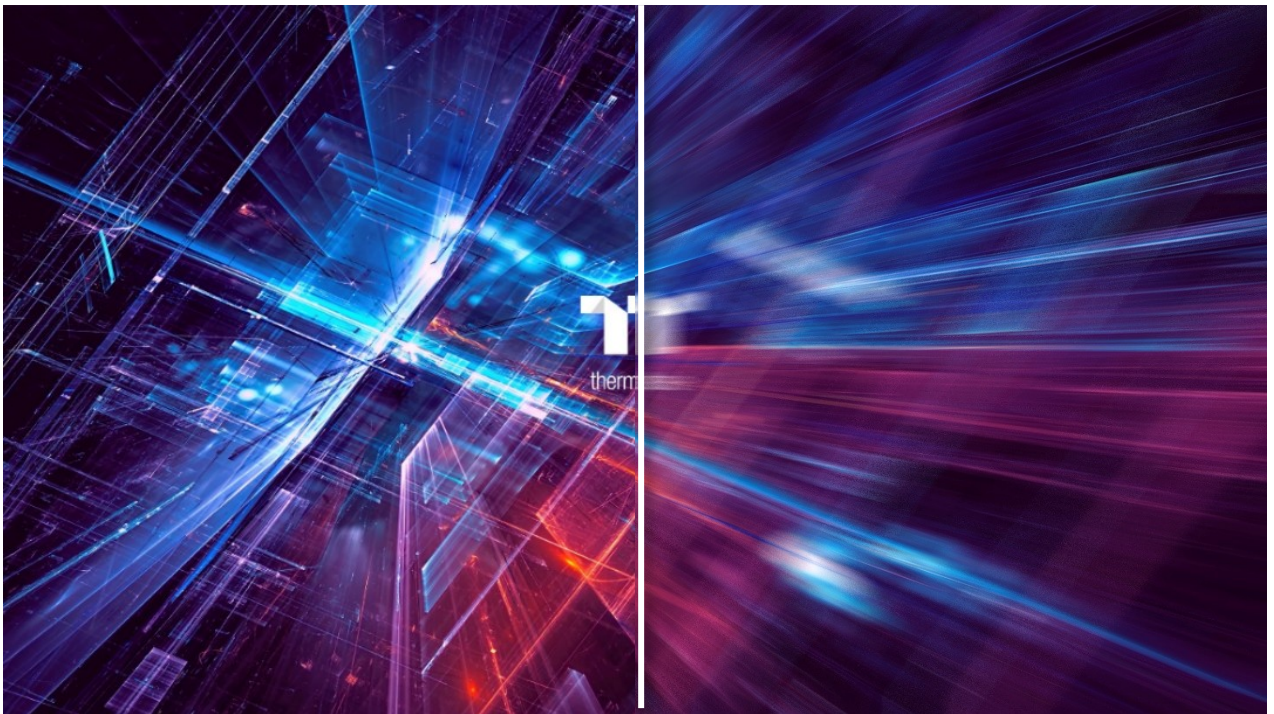
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SEE EVERY MOMENT AT ITS CLEAREST

The Thermaltake curved gaming monitor features a VA panel design that excels in fast-paced genres such as first-person shooters, racing simulations, and real-time strategy games. With its 170Hz ultra-high refresh rate and 1ms response time, it allows you to outperform your competitors significantly.

**1ms
(MPRT)**

5 ms



Gaming Monitor

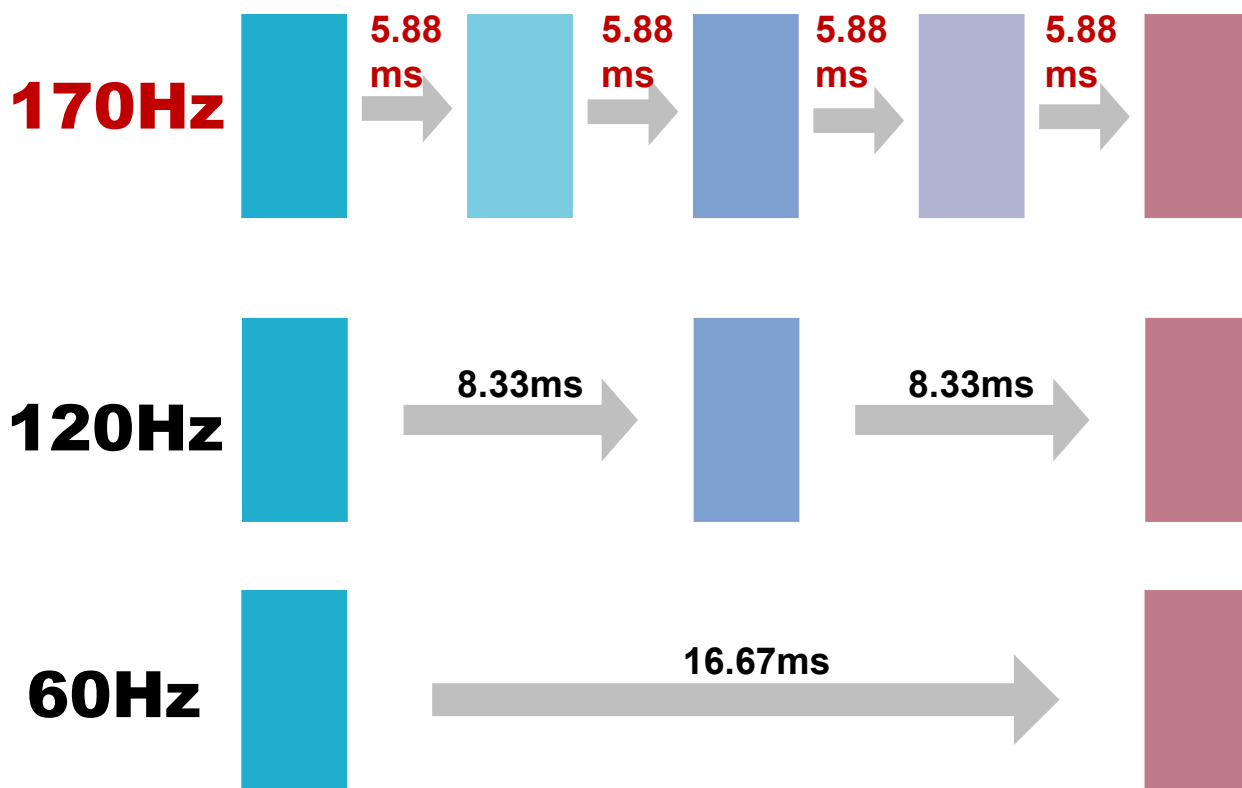
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170HZ REFRESH RATE + 1MS GTG RESPONSE TIME

Monitors are equipped with a 170hz refresh rate and 1ms GTG response time panel which has the most benefit in fast moving game genres such as first person shooters, fighters, racing sims, real-time strategy, and sports. These type of games require very fast and precise movements, which an ultra-high refresh rate and fast response time monitor will put you ahead of your competition.



Gaming Monitor

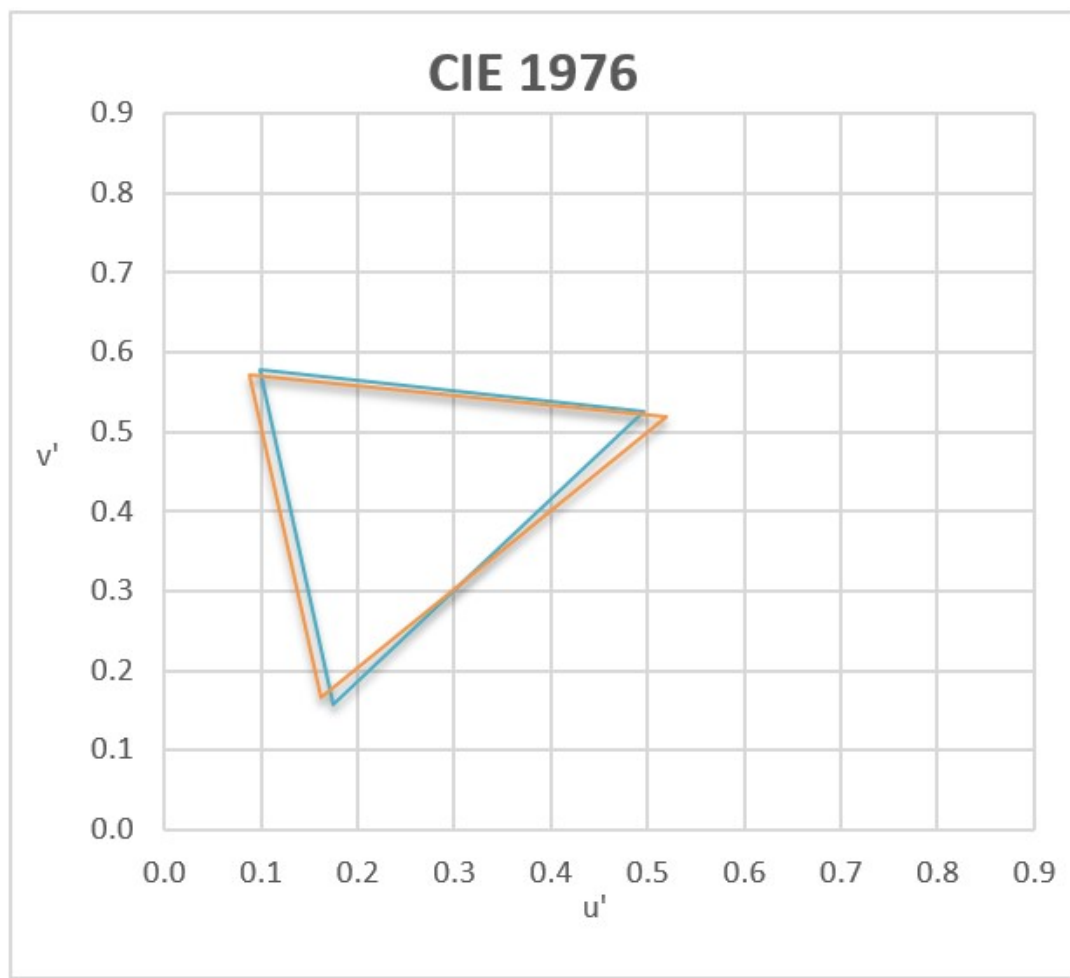
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Colour Gamut : DCI-P3 90%

The gaming monitors have more gamut coverage compared to general monitors. Gameplay colors and details will look more realistic and refined, pushing immersion to its limits.



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DARK FIEDL BRIGHTENING

Whether your entire screen is dark, or just a few portions have heavy shadows. Let the world's first smart black tuner brighten your day by bringing out the fine details in dark areas.



**DARK FIEDL
BRIGHTENING
OFF**

**DARK FIEDL
BRIGHTENING ON**

Gaming Monitor

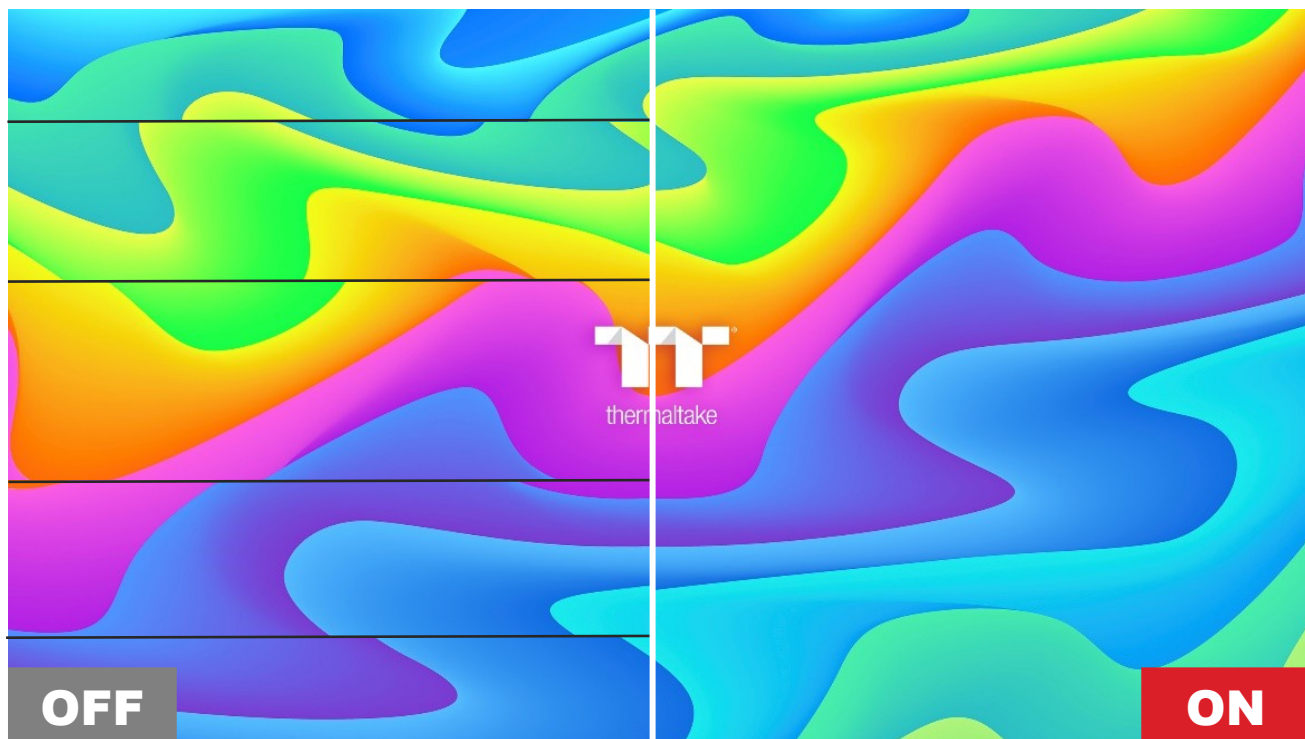
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PERFECTION FOR ANY REFRESH RATE

Take on any game without tearing, stuttering, flicker, or artifacts. G-SYNC compatible dynamically matches the refresh rate of the display to the frame rate of the GPU. Unlike other solutions, its unrestricted refresh rate supports from zero Hertz up to the maximum supported by the LCD panel—so you can count on exceptional performance in every game.



| G-SYNC compatible
| AMD FreeSync Premium

Gaming Monitor

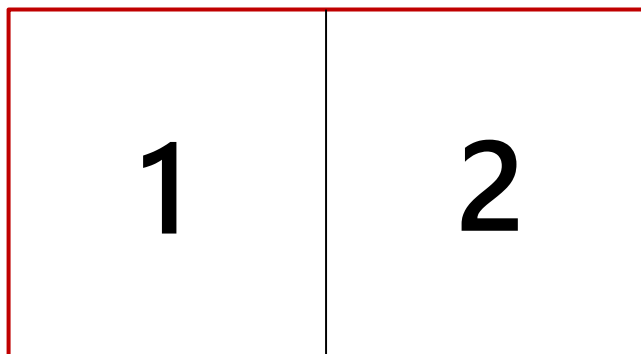
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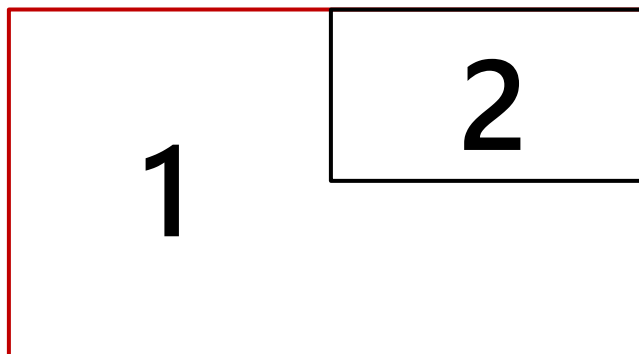
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PIP/PBP

Supports both Picture in Picture(PIP) and Picture by Picture (PBP) to create a variety of different layouts tailored to maximize your workflow or gaming setup.



PBP Mode



PIP Mode

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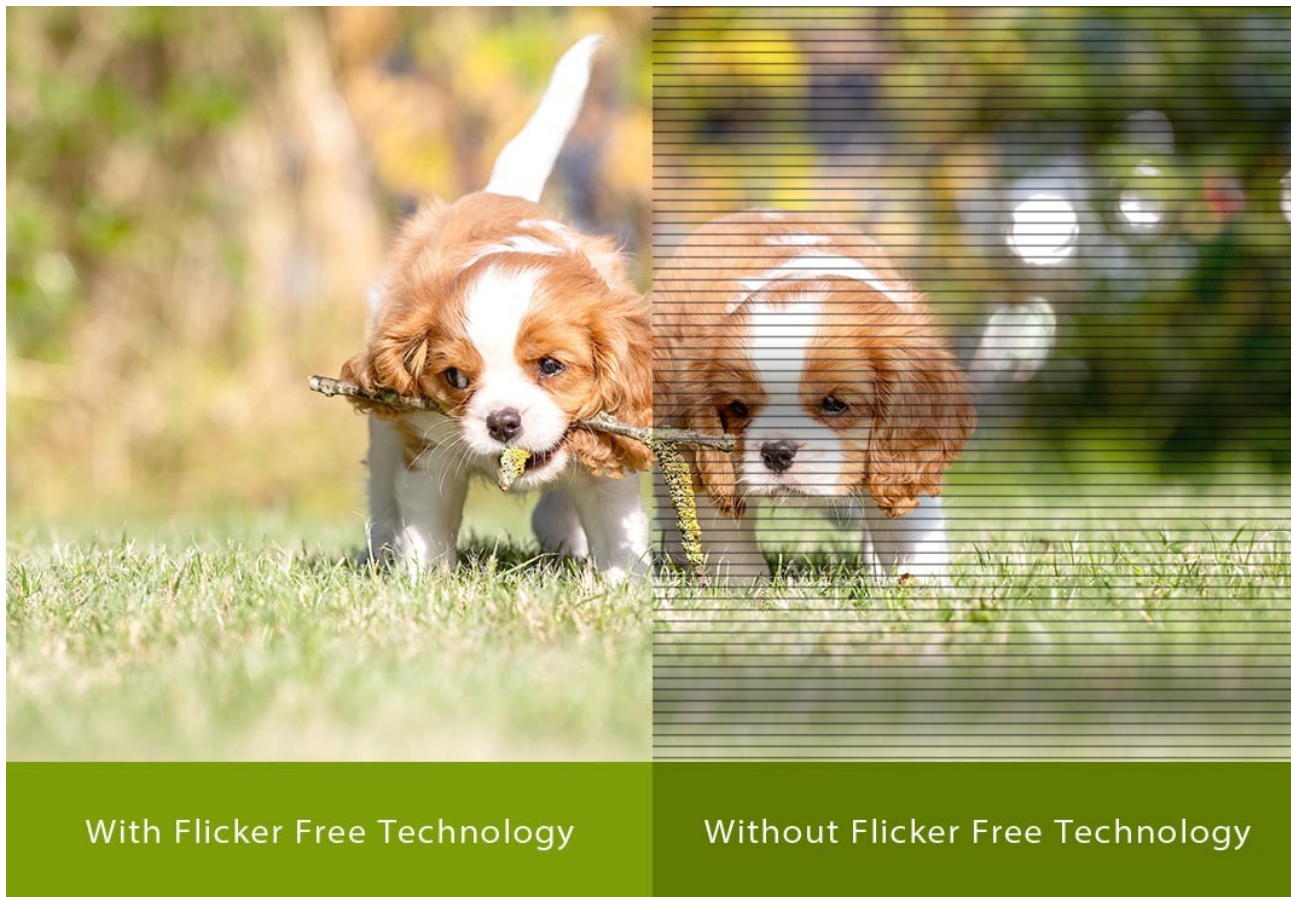
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FLICKER FREE TECHNOLOGY

Generic monitor displays normally have a flicker-rate of about 200-times per second, which is unnoticeable to the naked eye, but can cause fatigue over time. Flicker free technology provides a very comfortable viewing experience by reducing the amount of flicker.



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FROM EDGE TO EDGE

With a super narrow bezel, enjoy the best immersion possible in the latest games with a multi-monitor 180 degree setup. Enjoy better continuity between screens while playing games, working, or general computing.



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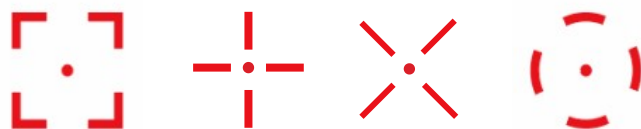
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GAME MODE

Gaming monitors offers several modes to choose from. Gamers can choose the mode based on the type of game played to experience the best visual effects.



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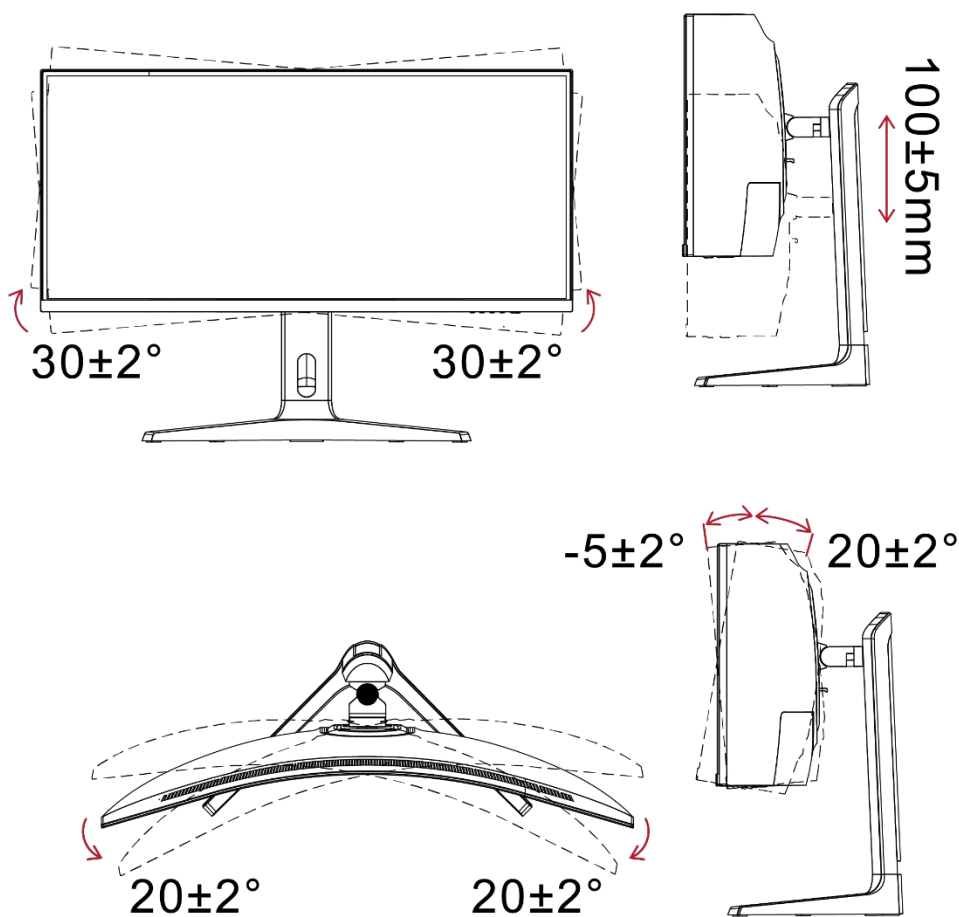
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TAILORED FOR THE PERFECT FIT

Gaming monitor is built to make you as comfortable as possible while gaming. Through runments of tilting ($-5^{\circ}\sim 20^{\circ}$), lowering and raising (100mm), and swiveling(45°), you can easily change the position of the monitor for maximum ergonomics and optimum viewing experiences.



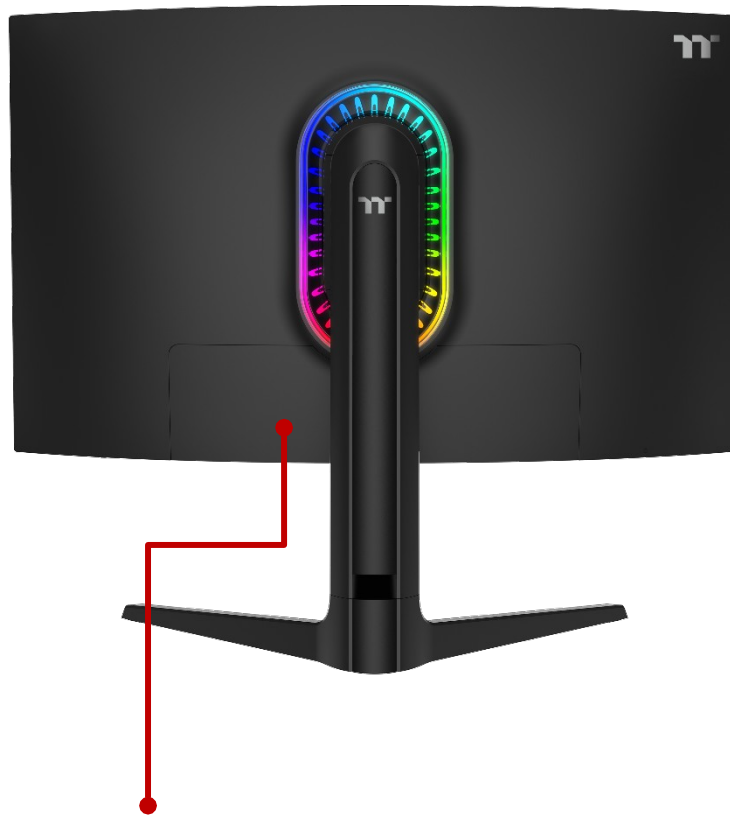
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I/O Ports



HDMI 2.0 *2
DP 1.4
Audio out

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GALLERY



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PACKAGING INFO

- Carton size (L x W x H) :
80.9(L) x 23.1(W) x 60.5(H) cm
31.8(L) x 9(W) x 23.8(H) inch
- Net weight : 7.5 kg
- Carton gross weight : 10.7 kg
- Cuft : 3.99
- PCS/Ctn : 1
- Part Number : GM-GCE-32CEQB-US
- EAN :4713227536141
- UPC :0841163086155
- Package Contents: Gaming Monitor X 1
Power Cable X 1
DP Cable X 1
Warranty card X 1
Assembly & User Manual X 1