



Speed your development curve.

27" Curved Monitor with 240hz Refresh Rate

Presenting the ideal monitor for game development, video editing and anything else with fast-moving content, such as financial trading or security monitoring. The Samsung CRG50 series monitor offers a lightning-fast 240hz refresh rate, while 4ms response and G-Sync technology virtually eliminate image tearing, stuttering and screen lag for exceptionally smooth motion graphics. The curved screen features a 1500mm radius, which maintains a more uniform screen-to-eye distance and allows you to work longer hours with less eye fatigue. Gaming and video work are further optimized with Black Equalizer and Low Input Lag Mode. While Eye Saver Mode and Flicker Free technology help deliver a more comfortable viewing experience.



Key Features



Super-Curved VA Panel, Wide Viewing Angles and Ultra-Thin Bezels

The CRG50 series features a 3-sided bezel-less curved VA panel with a radius of 1500mm. The greater level of curvature delivers greater comfort and style. And wide 178° viewing angles help ensure a clear picture, even from off-angles.



240Hz Refresh Rate, 4ms Response Time, G-Sync

Fast refresh rate, response time and G-Sync technology work together to help eliminate blurring, ghosting and juddering, as well as reducing lag, for smooth and crisp fast-moving content.



3,000:1 Contrast Ratio

Best-in-class contrast ratio delivers incredible detail and contrast. Bright colors share the screen with deep shadows and silhouettes.



Game Mode, Black Equalizer and Low Input Lag Mode

Instantly activate Game Mode for improved dark scenes. Black gamma, sharpness, contrast and color tune are customizable, while Black Equalizer has 20 different dark level values. And Low Input Lag Mode maximizes keyboard and mouse response times.



Fast and Easy High-Speed Connectivity

With 2x HDMI 2.0, DisplayPort 1.2 and a headphone jack, the CRG50 series monitor offers you the flexibility to connect how you want.



Eye Saver Mode and Flicker Free technology

When Eye Saver Mode is active, blue light levels are lowered, for reduced eye strain. Flicker free technology adds viewing comfort by eliminating flickering at all levels of brightness.



TAA Compliant

Samsung offers high performance and reliability, while complying with the federal Trade Agreements Act (19 U.S.C. and 2501-2581).

Samsung CRG50 Series Curved Desktop Monitor

C27RG50FQN		
Display	Screen Size (Inch)	27"
	Screen Size (Class)	27"
	Flat / Curved	Curved
	Screen Curvature	1500R
	Bezel-less	Yes
	Aspect Ratio	16:9
	Panel Type	VA
	Brightness (Typ. / Min)	300 nits / 250 nits
	Contrast Ratio Static	3000:1 (Typ)
	Resolution	1920 x 1080
	Response Time	4ms (GTG)
	Viewing Angle (H / V)	178° (H) / 178° (V)
	Refresh Rate	240Hz
Color	Color Support	16.7M
	Color Gamut (NTSC 1976)	72%
	sRGB Coverage	N/A
	Adobe RGB Coverage	N/A
Features	Eye Saver Mode	Yes
	Flicker Free	Yes
	Easy Setting Box	Yes
	Windows Certification	Windows 10
	AMD FreeSync	G-Sync
	Off Timer Plus	Yes
	Black Equalizer	Yes
	Other	Screen Size Optimizer, Low Input Lag Mode, Refresh Rate Optimizer, Super Arena Gaming UX
Interface	DisplayPort 1.2	1
	HDMI 2.0	2
	Headphone	Yes
Operation Conditions	Temperature	50 – 104 °F (10 – 40°C)
	Humidity	10~80%, Non-Condensing
Calibration	Color Mode	Custom / FPS / RTS / RFP / AOS / Cinema / DCR
Design	Color	Dark Blue Gray
	Stand Type	Tilt Only
	Tilt	-2.0° (±2.0°) ~ +15.0° (±2.0°)
	Wall Mount	VESA, 75 mm x 75 mm
Power	Power Supply	AC 100~240V
	Power Consumption (Max)	48 W
	Power Consumption (DPMS)	≤0.5 W
	Power Consumption (Off Mode / Standby)	≤0.3 W
	Type	External Power
Dimension	Set Dimension with Stand (W x H x D)	24.3" x 14.4" x 2.4"
	Set Dimension without Stand (W x H x D)	24.3" x 18.6" x 9.9"
	Package Dimension (W x H x D)	27.7" x 8.3" x 17.8"
Weight	Set Weight with Stand	10.1 lbs.
	Set Weight without Stand	8.4 lbs.
	Package Weight	14.6 lbs.
Accessory	DisplayPort Cable	Yes, 5 ft. (1.5 m)
Warranty	Warranty	1 Year

Connectivity

- 1. Headphone
- 2. HDMI In 1
- 3. HDMI In 2
- 4. DP In
- 5. Service
- 6. DC 19V



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