



SPECIFICATION

Model		CURVED SERIES			UHD SERIES		ESSENTIAL SERIES	
Model Code		S34E790C	S27E510C	S32E590C	U28E590	U28E850	S27E310	S24D300H
Display	Screen Size	34"	27"	31.5"	28"	28"	27"	24"
	Aspect Ratio	21:9	16:9	16:9	16:9	16:9	16:9	16:9
	Panel Type	VA (Curved)	VA (Curved)	VA (Curved)	TN	TN	TN	TN
	Brightness (Typical)	300cd/m ²	250cd/m ²	350cd/m ²	370cd/m ²	370cd/m ²	300cd/m ²	250cd/m ²
	Contrast Ratio	3000:1	3000:1	5000:1	1000:1	1000:1	1000:1	1000:1
	Dynamic Contrast Ratio	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR
	Resolution	3440 x 1440	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	1920 x 1080	1920 x 1080
	Response Time	4ms (GTG)	4ms (GTG)	4ms (GTG)	1ms (GTG)	1ms (GTG)	1ms (GTG)	2ms (GTG)
General Feature	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°	170°/160°	170°/160°	170°/160°	170°/160°
	Color Support	16.7M	16.7M	16.7M	1B	1B	16.7M	16.7M
	Embedded Function	Game Mode, Flicker Free, Eco Saving, Off Timer, Image Size, Samsung Magic Bright, Sound Mode	Game Mode, Eye-Saver Mode, Eco Saving Plus, Flicker Free, Samsung Magic Bright, Image Size, Sound Mode	Game Mode, Eye-Saver Mode, Eco Saving Plus, Flicker Free, Samsung Magic Bright, Off timer, Image Size, Sound Mode	FreeSync, Game mode, Eye-Saver Mode, Eco Saving Plus, Flicker Free, PBP, PIP 2.0, Samsung UHD upscale, Image Size	FreeSync, Game mode, Eye-Saver Mode, Eco Saving Plus, Flicker Free, PBP, PIP 2.0, Samsung UHD upscale, Image Size	Game Mode, Eco Saving Plus, Eye-Saver Mode, Flicker Free, Samsung Magic Angle, Samsung Magic Bright, Samsung Magic Upscale, Image Size	Game mode, Samsung Magic Upscale, Eco Saving, Off Timer, Image Size, Flicker free
	OS Compatibility	Windows, Mac	Windows, Mac	Windows, Mac	Windows, Mac	Windows, Mac	Windows, Mac	Windows, Mac
	Windows Certification	Windows 8.1	Windows 8.1	Windows 8.1	Windows 8.1	Windows 8.1	Windows 8.1	Windows 8.1
	D-Sub	No	1	No	No	No	1	1
	DVI	No	No	No	No	No	No	No
	Dual Link DVI	No	No	No	No	No	No	No
Interface	Display Port	1	No	1	1	1	No	No
	miniDP	No	No	No	No	1	No	No
	HDMI	2	1	2	2	2	1	1
	Headphone	Yes	Yes	Yes	Yes	Yes	No	No
Audio	USB Hub	1 Up / 4 Down (3.0 Ver.)	No	No	No	1 Up / 4 Down (3.0 Ver.)	No	No
	Speaker	7W x 2	No	5W x2	No	No	No	No
Design	Color	Black High Glossy	Black (Hairline)	Black (Hairline)	Black High Glossy	Matt Black	White	Black High Glossy
	Stand Type	Curved T-shape	Curved T-shape	Curved T-shape	Simple	HAS	Simple	Simple
	HAS (Height Adjustable Stand)	100mm	No	No	No	Yes	No	No
	Tilt	-2° ~ 20°	-2° ~ 20°	-2° ~ 15°	-2° ~ 15°	-5° ~ 20°	-2° ~ 20°	-1° ~ 20°
	Swivel	No	No	No	No	- 25° ~ 25°	No	No
	Wall Mount (VESA)	100 x 100mm	100 x 100mm	200 x 200mm	75 x 75mm	100 x 100mm	75 x 75mm	No
Eco	Pivot	No	No	No	No	Yes	No	No
	Energy/Environment Mark	Energy Star 6.0	No	Energy Star 6.0	Energy Star 6.0	Energy Star 6.0	Energy Star 6.0	No
Power	Power Consumption	47W (Energy Star 6.0 test condition)	28W (Energy Star 6.0 test condition)	-	35W (Energy Star 6.0 test condition)	-	23.4W (Energy Star 6.0 test condition)	18W (Energy Star 6.0 test condition)
	Power Consumption (DPMS)	0.5W	0.3W	-	0.45W	-	0.3W	0.3W
	Power Consumption (Off Mode)	0.3W	0.3W	-	0.3W	-	0.3W	0.3W
	Type	External Adaptor	External Adaptor	External Adaptor	External Adaptor	Internal Adaptor	External Adaptor	External Adaptor
Dimension	Set Dimension with Stand (WxHxD)	Max: 821.5 x 552.0 x 275.5 mm Min: 821.5 x 452.0 x 275.5 mm	623.2 x 463.0 x 181.6 mm	729.1 x 523.9 x 214.3 mm	660.9 x 468.5 x 187.1 mm	-	643.4 x 463.1 x 200.7 mm	569.0 x 417.2 x 197.0 mm
	Set Dimension without Stand (WxHxD)	821.5 x 364.0 x 51.5 mm	623.2 x 365.7 x 59.9 mm	729.1 x 425.1 x 90.6 mm	660.9 x 381.3 x 73.5 mm	-	643.4 x 385.3 x 95.1 mm	569.0 x 342.1 x 53.9 mm
	Package Dimension (WxHxD)	899.0 x 531.0 x 339.0 mm	695 x 135 x 435 mm	806.0 x 496.0 x 155.0 mm	740 x 461 x 141 mm	-	717 x 459 x 155 mm	635 x 408 x 111 mm
Weight	Set Weight with Stand	9.9 kg	5.5 kg	6.9 kg	5.3 kg	-	4.9 kg	3.2 kg
	Set Weight without Stand	7.4 kg	4.9 kg	6.0 kg	4.7 kg	-	4.5 kg	2.8 kg
	Package Weight	14.4 kg	7.2 kg	9.6 kg	7.2 kg	-	6.6 kg	4.4 kg
Accessory	Cables	HDMI Cable, DP Cable, USB 3.0 Cable	D-Sub Cable	HDMI Cable	HDMI Cable, Display Port Cable	HDMI Cable, Mini-DP to DP Cable, USB 3.0 Cable	D-sub Cable	D-sub Cable
	Others	Install CD, Quick Setup Guide, Warranty Card, Clean Cloth	Quick Setup Guide, Warranty Card	Quick Setup Guide, Warranty Card	Quick Setup Guide, Warranty Card	Install CD, Quick Setup Guide, Warranty Card	Quick Setup Guide	Quick Setup Guide

**WIN BIG WITH THE
SAMSUNG
GAMING MONITORS**



SAMSUNG

WHY SAMSUNG GAMING MONITORS?

Enjoy vivid picture quality with less motion blur



GAME MODE

Get perfect viewing for games with Samsung Game Mode. Game Mode adjusts your monitor's settings instantly to give you an optimized gaming experience. Game Mode smartly detects the changes in scenes, enhances the color and alters the screen's contrast to make dark spots darker and light spots lighter so you can see all the action at all times.



Game Mode OFF

Game Mode ON



FREE SYNC

Free Sync provides solution for screen tearing during gaming caused by input latency. Free Sync dynamically adapts the display refresh rate to variable gaming content render rate for low latency and gives a smooth, virtually stutter-free gaming experience. The distinct increase in responsiveness would make life better for gamers enabling a seamless viewing experience.



Free Sync OFF

Free Sync ON



Which monitor is right for your gaming experience?



Samsung **Curved**
MONITOR
34" SE790C

• **21:9 Curved Screen**

- More comfortable and immersive viewing experience than flat monitors.
- Provide more stereoscopic gaming environments thanks to the best-in-class curvature of 3000R.

• **Ultra WQHD Resolution**

- 3440x1440, the 2.4 times resolution of FHD!
- Picture so detailed, no enemy will be able to hide from you.

• **Ergonomic Design**

- Enjoy your game more comfortably for long hours with Samsung Height Adjustable Stand.



Samsung **Curved**
MONITOR
32" SE590C

• **Large size Curved Screen**

- More comfortable and immersive viewing experience than flat monitors.
- Provide more realistic gaming environments thanks to the best-in-class curvature of 3000R.

• **Best-in-Class 5000:1 Contrast Ratio**

- Deeper blacks, pristine whites, and amazingly bright colors.

• **4ms Response Time**

- Fast response time at 4millisecond than competitors.

Provide more comfortable viewing experience for long hours of gamers



Discomfort and eye fatigue may be caused by viewing monitor for long periods of time due to flickering of the monitor. Flicker Free technology reduces screen flickering for a more comfortable viewing experience.



Unlike other colors emitted from screens, blue light wavelengths have a more stimulating effect on the retina, causing eye fatigue. Eye Saver Mode optimizes your viewing comfort by smartly reducing blue light emissions at the touch of a button.



Conventional

Eye Saver Mode ON

Enhance your gaming experience with built-in speakers



Samsung 2-channel dual stereo speakers are built right into the curve. Thanks to Samsung's proprietary Dual Sound Engine and acoustic mechanical engineering technology, the speakers deliver original sound that is richer than speakers with a single engine.

"Gaming Monitor spec varies by products. For details, please refer to the spec sheet."



Samsung **Curved**
MONITOR
27" SE510C

• Curved Screen

- More comfortable and immersive viewing experience than flat monitors.

• 4ms Response Time

- Fast response time at 4millisecond than competitors.



UHD MONITOR
Ultra High Definition 4K
28" UE590

• UHD Resolution

- 4K, 3840X2160, the 4times resolution of FHD!

- Picture so detailed, no enemy will be able to hide from you.

• 1ms Response Time

- World's best-in-class fast response time at 1mili second