

Samsung  **Curved** MONITOR

Curved for the ultimate viewing experience



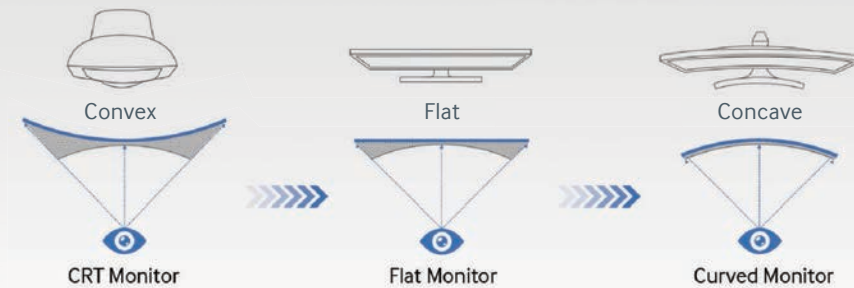
27inch
Curved Monitor
LS27D590CS/EN



34inch
Premium Curved Monitor
LS34E790CNS/EN

SAMSUNG

Why We Love Curves



Why curved monitor?

Research indicates people have a preference for curves over hard lines and sharp angles. Samsung curved monitors not only look beautiful, they also provide a more comfortable, more immersive and better quality viewing experience compared to flat screen LED monitors.

More comfortable viewing

Samsung has always been at the forefront of monitor technology having introduced successive improvements from CRT to Flat LCD to LED curved monitors, progressively innovating to better suit the needs of our eyes.

Samsung curved monitors' superior eye comfort has been validated by TÜV Rheinland, a leading international certification organisation which tests the safety and quality of new and existing products.

Curved screens may reduce eye and neck strain by reducing the range of visual movements since you can view a Samsung curved display at a more uniform distance from your seat, resulting in a more comfortable viewing experience.

Innovative Curved Design



Immersive viewing experience

The curvature of Samsung curved monitors is optimised to give the most immersive, panoramic viewing experience by minimising the average distance from the eyes to the centre and edges of the screen, providing an enhanced and natural 3D like effect. Samsung's LS34E790CNS/EN has the deepest monitor curvature on the market today.



Incredibly vibrant picture quality and rich entertainment experience

- **Best-in-class 3000:1 static contrast ratio**
More vivid, deeper blacks, pristine whites, and amazingly bright colours!
- **Wide viewing angle**
178° wide angle for optimal viewing experience
- **Game mode**
Vividly enhanced gaming experience
- **Fast 4ms RT/60 Hz**
See even the fastest on-screen motion clearly



Why Choose Samsung Curved Monitors?

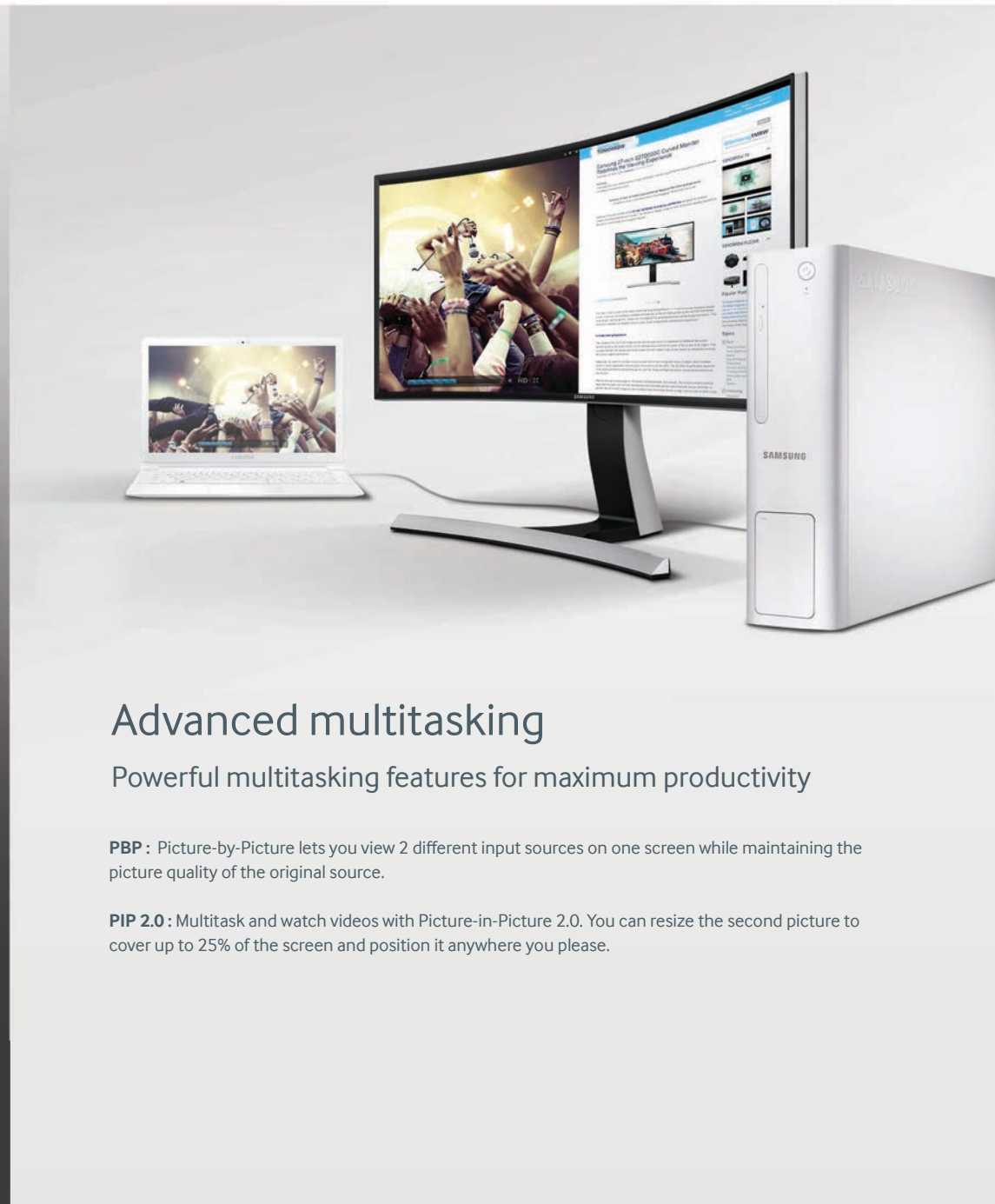


Sophisticated design

Modern ergonomic design complete with a refined metallic stand

Sophisticated Design : With a premium metallic frame and elevated by a curved T-shaped stand, Samsung's curved monitors enhance any work or home environment.

Ergonomic Design : Samsung's unique Height Adjustable Stand (HAS) design lets you adjust the height of the premium 790C series curved monitors to up to 100mm to perfectly match your eye level. You can also tilt with ease for quick adjusting and re-adjusting.



Advanced multitasking

Powerful multitasking features for maximum productivity

PBP : Picture-by-Picture lets you view 2 different input sources on one screen while maintaining the picture quality of the original source.

PIP 2.0 : Multitask and watch videos with Picture-in-Picture 2.0. You can resize the second picture to cover up to 25% of the screen and position it anywhere you please.

510C Series

The 510C Series is perfect for individuals who require a high quality picture without the frills. The 510C Series is energy efficient, and with its high static contrast of 3000:1 and wide viewing angles is great for a multiple monitor setups, such as in PC gaming or business use.



LS24E510CS/EN



LS27E510CS/EN

Screen Size	23.6"	27"
Aspect Ratio	16 : 9	16 : 9
Resolution	1920 x 1080	1920 x 1080
Contrast Ratio	3000 : 1	3000 : 1
Viewing Angle (H/V)	178° / 178°	178° / 178°
Response Time	4 (GTG) ms	4 (GTG) ms
Stand Type	Metallic T-shape Tilt Stand	Metallic T-shape Tilt Stand
Wall Mount	100 x 100	100 x 100
Inbox Cable	D-sub cable	D-sub cable
Speaker	No	No
Energy/Environment Mark	No	No
Energy Efficiency Class	B	B

590C Series

The 590C Series steps up in design with a silver finished base, brighter 350cd/m2 display and amplified speakers for multimedia use.






LS27D590CS/EN*



LS27E591CS/EN



LS32E590CS/EN

Screen Size	27"	27"	31.5"
Aspect Ratio	16 : 9	16 : 9	16 : 9
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Contrast Ratio	3000 : 1	3000 : 1	3000 : 1
Viewing Angle (H/V)	178° / 178°	178° / 178°	178° / 178°
Response Time	4 (GTG) ms	4 (GTG) ms	4 (GTG) ms
Stand Type	Metallic T-shape Tilt Stand	Metallic T-shape Tilt Stand	Metallic T-shape Tilt Stand
Wall Mount	100 x 100	100 x 100	200 x 200
Inbox Cable	HDMI cable, Audio cable	HDMI cable, Audio cable	HDMI cable, Audio cable
Speaker	5 Watt x 2 (Dual sound magnet)	5 Watt x 2 (Dual sound magnet)	5 Watt x 2 (Dual sound magnet)
Energy/Environment Mark	Energy Star 6.0 	Energy Star 6.0 	Energy Star 6.0 
Energy Efficiency Class	B	B	B

* LT27D590CX/EN features a built in HDTV tuner

790C Series

The 790C Series is a premium monitor in both looks and specification. The wide 21:9 aspect ratio increases workspace for productivity, and makes watching movies a joy. In addition, the depth of curve is the deepest available on a monitor today, and combined with the 21:9 aspect ratio, provides the most immersive experience.



LS29E790CNS/EN



LS34E790CNS/EN

Screen Size	29"	34"
Aspect Ratio	21 : 9	21 : 9
Resolution	2560 x 1080	3440 x 1440
Contrast Ratio	3000 : 1	3000 : 1
Viewing Angle (H/V)	178° / 178°	178° / 178°
Response Time	4 (GTG) ms	4 (GTG) ms
Stand Type	HAS Stand (Height Adjustable+Tilt)	HAS Stand (Height Adjustable+Tilt)
Wall Mount	100 x 100	100 x 100
Inbox Cable	USB cable, DP cable, HDMI cable	USB cable, DP cable, HDMI cable
Speaker	7 Watt x 2 (Dual sound magnet)	7 Watt x 2 (Dual sound magnet)
Energy/Environment Mark	Energy Star 6.0	Energy Star 6.0
Energy Efficiency Class	B	C



Specification



* LT27D590CX/EN features a built in HDTV tuner



Model Name		LS24E510CS/EN	LS27E510CS/EN	LS27D590CS/EN*
Display	Screen Size	23.6"	27"	27"
	Aspect Ratio	16:9	16:9	16:9
	Panel Type	VA (Curved)	VA (Curved)	VA (Curved)
	Curvature	4000R	4000R	4000R
	Brightness (Typical)	250cd/m2	250cd/m2	350cd/m2
	Contrast Ratio	3000:1	3000:1	3000:1
	Dynamic Contrast Ratio	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR
	Resolution	1920x1080	1920x1080	1920x1080
	Response Time	4 (GTG) ms	4 (GTG) ms	4 (GTG) ms
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Colour Support	16.7M	16.7M	16.7M
General Features	Embedded Function	Game Mode, Magic Upscale, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Flicker Free, Sound Mode, Eco Saving Plus, Eye Saver Mode	Game Mode, Magic Upscale, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Flicker Free, Sound Mode, Eco Saving Plus, Eye Saver Mode	Game Mode, Magic Upscale, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Flicker Free, Sound Mode
	Additional PC S/W	Easy Setting Box	Easy Setting Box	Easy Setting Box
	OS Compatibility	Windows, Mac	Windows, Mac	Windows, Mac
	Windows Certification	Windows 8.1	Windows 8.1	Windows 8.1
Interface	D-Sub	1EA	1EA	1EA
	DVI	No	No	No
	Dual Link DVI	No	No	No
	Display Port	No	No	1EA
	HDMI	1EA	1EA	1EA
	Audio In	No	No	Yes
	Headphone	No	No	Yes
	USB Hub	No	No	No
Audio	Inbox Cable	D-sub cable	D-sub cable	HDMI cable, Audio cable
	Speaker	No	No	5 Watt x 2 (Dual sound magnet)
Design	Colour	Glossy Black (Front Hair-line)	Glossy Black	Glossy Black
	Stand Type	Metallic Tilt T-shape Stand	Metallic Tilt T-shape Stand	Metallic Tilt T-shape Stand
	HAS (Height Adjustable Stand)	No	No	No
	Tilt	-2° ~ 20°	-2° ~ 20°	-2° ~ 20°
	Wall Mount	100x100	100x100	100x100
Eco	Energy/Environment Mark	No	No	Energy Star 6.0
	Energy Efficiency Class	B	B	B



LS27E591CS/EN	LS32E590CS/EN	LS29E790CNS/EN	LS34E790CNS/EN
27"	31.5"	29"	34"
16:9	16:9	21:9	21:9
VA (Curved)	VA (Curved)	VA (Curved)	VA (Curved)
4000R	3000R	3000R	3000R
350cd/m2	350cd/m2	300cd/m2	300cd/m2
3000:1	3000:1	3000:1	3000:1
Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR
1920x1080	1920x1080	2560x1080	3440x1440
4 (GTG) ms	4 (GTG) ms	4 (GTG) ms	4 (GTG) ms
178°/178°	178°/178°	178°/178°	178°/178°
16.7M	16.7M	16.7M	16.7M
Game Mode, Magic Upscale, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Flicker Free, Sound Mode, Eco Saving Plus, Eye Saver Mode	Game Mode, Magic Upscale, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Flicker Free, Sound Mode, Eco Saving Plus, Eye Saver Mode	PIP 2.0, PBP, Game Mode, Flicker Free, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Sound Mode, Eco Saving Plus, Eye Saver Mode	PIP 2.0, PBP, Game Mode, Flicker Free, Eco Saving, Off Timer, Image Size, Samsung MagicBright, Sound Mode
Easy Setting Box	Easy Setting Box	Easy Setting Box	Easy Setting Box
Windows, Mac	Windows, Mac	Windows, Mac	Windows, Mac
Windows 8.1	Windows 8.1	Windows 8.1	Windows 8.1
1EA	1EA	No	No
No	No	No	No
No	No	No	No
1EA	1EA	1EA	1EA
1EA	1EA	2EA	2EA
Yes	Yes	No	No
Yes	Yes	Yes	Yes
No	No	No	1 Up / 4 Down (3.0 Ver.)
HDMI cable, Audio cable	HDMI cable, Audio cable	USB cable, DP cable, HDMI cable	USB cable, DP cable, HDMI cable
5 Watt x 2 (Dual sound magnet)	5 Watt x 2 (Dual sound magnet)	7 Watt x 2 (Dual sound magnet)	7 Watt x 2 (Dual sound magnet)
Glossy White	Glossy Black (Front Hair-line)	Glossy Black (Front Hair-line)	Glossy Black
Metallic Tilt T-shape Stand	Metallic Tilt T-shape Stand	Metallic Tilt T-shape Stand	Metallic Tilt T-shape Stand
No	No	100mm	100mm
-2° ~ 20°	-2° ~ 15°	-2° ~ 20°	-2° ~ 20°
100x100	200x200	100x100	100x100
Energy Star 6.0	Energy Star 6.0	Energy Star 6.0	Energy Star 6.0
B	B	B	C

To learn more about Samsung Curved Monitors please visit:
samsung.com/uk/businessmonitors

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