Samsung UHD MONITOR
Ultra High Definition 4K

Specification

Model Code		U28E590	U24E590
Display	Screen Size	28"	24 (23.5")
	Aspect Ratio	16:9	16:9
	Brightness (Typical)	370cd/m2	300cd/m2
	Contrast Ratio	1000:1(Typ.), 700:1(Min)	1000:1(Typ.), 600:1(Min)
	Dynamic Contrast Ratio	Mega ∞ DCR	Mega ∞ DCR
	Resolution	3840 x 2160	3840 x 2160
	Response Time	1 (GTG)ms	4 (GTG)ms
	Viewing Angle (H/V)	170/160	178/178
	Color Support	1B	16.7M
General Feature	Embedded Function	FreeSync Samsung Magic Angle Samsung Magic Bright Eco Saving Plus Eye Saver Mode Flicker Free Picture-in-Picture Picture-by-Picture Game Mode Image Size	FreeSync Samsung Magic Bright Eco Saving Plus Eye Saver Mode Flicker Free Picture-in-Picture Picture-by-Picture Game Mode Image Size
	Additional PC S/W	Easy Setting Box	Easy Setting Box
	OS Compatibility	Windows, Mac	Windows, Mac
	Windows Certification	Windows 10	Windows 10
Interface	D-Sub	No	No
	DVI	No	No
	Dual Link DVI	No	No
	Display Port	1 EA	1 EA
	HDMI	2 EA	2 EA
	Audio In	No	No
	Headphone	1 EA	1 EA
	Inbox Cable	HDMI Cable, DP Cable	HDMI Cable, DP Cable
Design	Color	BLACK/SILVER	BLACK/SILVER
	Stand Type	Simple	Simple
	Tilt	-2°(±2) to +15°(±2)	-2°(±2) to +20°(±2)
	Wall Mount	75x75mm (VESA)	75x75mm (VESA)
Eco	Energy/Environment Mark	Energy Star 6.0	Energy Star 6.0

Samsung Electronics Co., Ltd.
To learn more, visit Samsung.com website
www.samsung.com/monitor

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Samsung UHD MONITOR
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Experience a new level of detail with
Samsung UHD Monitor UE590

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Samsung UHD MONITOR
Ultra High Definition 4K

STUNNINGLY REALISTIC UHD PICTURE QUALITY

UHD Ultra High Definition 4K

The Samsung UE590 UHD monitor offers PC viewing, gaming and more, all in stunning Ultra HD picture quality. Superb images that boast a staggering 8 million pixels are delivered at a resolution, 4x greater than Full HD. See your 4K content the way it was meant to be seen, with realistic details that make you feel like you're really there.

UNBEATABLE PICTURE QUALITY

1 Billion Colors

With 1billion colors, 64 times more colors than conventional monitors, images are so detailed, accurate and natural that they will take your breath away. UE590 monitor provides more vivid and brilliantly clear with the extremely high brightness level of 370 cd/m2, so you can see every intricate detail.

**1B colors, 370cd/m2 is only available for UE590 28". For detail please refer to the specification

Conventional

Samsung UE590 Monitor

SOPHISTICATED DESIGN WITH A METALLIC TOUCH

With thoughtful design and engineering, the UE590 is much more than a monitor with stunning looks—it's carefully designed to keep the focus on your content viewing pleasure. It comes with a stunning matte black body framed perfectly by a narrow bezel and a T-shaped stand along with ergonomic features.

Wall Mount

VESA Support
With support for VESA 75 X 75, you can easily mount it on any wall.

Tilt

Tilt
Easily and smoothly tilt the screen forward 20° and backwards 2° for comfortable viewing.

TAKE YOUR ENTERTAINMENT TO NEW HEIGHTS OF IMMERSION AND COMFORT

AMD FREESYNC TECHNOLOGY

AMD FreeSync
During gaming and video playback, image shuttering and lagging are dramatically reduced for a comfortable gaming experience.

1ms Fast Response Time

Fast 1ms Response Time
See even the fastest on-screen motion clearly without any motion blur, judder or ghosting.

2 HDMI

Upgraded HDMI Support
The upgraded HDMI supports 60 Hz refresh rate, resulting in smooth 4K content viewing, even when connected to AV devices.

Game mode

Game Mode
By improving contrast ratio of the image, game mode instantly provides an optimized gaming setting for your monitor.

POWERFUL MULTITASKING FOR MAXIMUM PRODUCTIVITY

PBP Picture by Picture

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

PIP 2.0
Multitask while you watch a variety of contents. Thanks to Picture-in-Pincture 2.0 for supporting more inputs. Resize the second picture to cover up to 25% of the screen and position it anywhere you please, and even control the sound settings with ease.

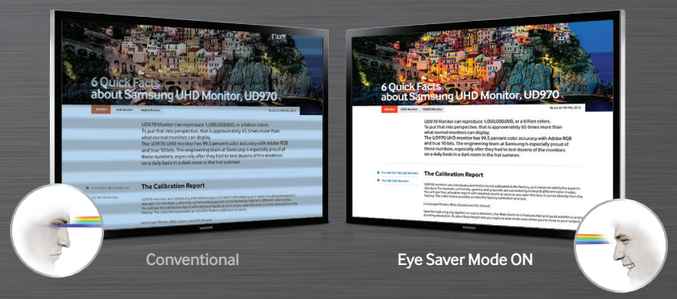
EASY ON EYES FOR COMFORTABLE VIEWING EXPERIENCE

Flicker Free

Eye Saver Mode
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.

Eye Saver Mode

Flicker Free
Flicker Free technology reduces screen flickering for a more comfortable viewing experience.



Conventional

Eye Saver Mode ON