Produce superior work with the U32E850R UHD desktop monitor

U32E850R

31.5" UHD desktop monitor

The large Samsung U32E850R desktop monitor enables users to view more images, more lines of code and more columns of data to help create extraordinary work. With UHD, users enjoy four times the resolution of a standard 1920x1080 FHD monitor. The Samsung PLS panel technology enhances the viewing experience even at up to 178 degrees off the vertical and horizontal axes. The Samsung U32E850R desktop monitor provides the finest details and fits more information on the screen, resulting in increased productivity. Built from approximately 30% recycled material and consuming less than 0.3 watts while in off-mode, it can also help your company attain its objectives related to environmental and energy conservation.

Key features

UHD 3840x2160 resolution
Four times the resolution of standard monitors empowers users to view texts and images with greater accuracy. The 3840x2160 resolution transforms small, hard-to-read fonts into legible text while the details in photos, videos and illustrations can be seen with increased discernibility.

Enhanced image quality
UE850 series monitors support 60Hz over HDMI and AMD FreeSync™. The result is smooth, stutter-free and tear-free video. Combined with a PLS panel, the U32E850R delivers brilliant images with wide, distortion-free viewing angles.

Multi-source capability
Simultaneously display up to two separate input sources using such features as Picture-In-Picture (PIP) and Picture-By-Picture (PBP), the Samsung U32E850R is ideal for financial and security applications.

Newly designed ergonomic, adjustable stand
The monitor swivels, tilts, pivots and is height-adjustable to the most comfortable and ergonomic position, enabling users to reduce the strain that can come from long work hours. The VESA compatible monitor can also be easily installed on a wall or separate mounting arm.

Gain fast, easy connectivity
Choice of HDMI, DisplayPort and Mini DisplayPort enables users to easily configure for high-speed connectivity, while a built-in USB hub and cable management system simplifies connecting to peripherals. You can also easily add the optional Samsung SPU 10 speaker bar (sold separately).
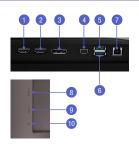
Easy on the eyes
When Eye Saver Mode is active, blue light levels are lowered, for reduced eye strain during long work hours. Flicker-free technology adds further viewing comfort by eliminating flickering at all levels of brightness.

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U32E850R
Samsung UE850R series
31.5" UHD desktop monitor

		U32E850R
Display	Screen Size	31.5"
	Panel Type (PLS / VA / TN)	PLS
	Active Display Size (HxV)	696.96(H) x 392.04(V)mm
	Resolution (Aspect Ratio)	UHD 3840x2160 (16:9)
	Brightness Typ. / Min.	300nits / 200nits
	Contrast Ratio (Static)	1000:1(Typ.), 600:1(Min)
	Dynamic Contrast Ratio	Mega ∞ DCR
	Pixel Pitch (HxV)	0.1815 (H) x 0.0605 (V) mm
	Response Time (G-to-G)	4 ms
	Viewing Angle (Horizontal / Vertical)	178° / 178°
	Color Support	16.7M
	Refresh Rate (Hz)	60Hz
Features	Samsung MagicAngle	No
	Samsung MagicBright	Yes
	Samsung MagicRotation	Yes
	Eye Saver Mode	Yes
	Flicker Free	Yes
	Picture-in-Picture	Yes
	Picture-by-Picture	Yes
	Game Mode	Yes
	Image Size	Yes
	USB Super Charging	Yes
	Easy Setting Box	Yes
	OS Compatibility	Windows, Mac
	Windows Certification	Windows 8.1
Interface	Mini DisplayPort	1
	DisplayPort	1
	HDMI	2
	Headphone	1
	USB Hub	4
	USB Sound Bar (Ready)	Yes
Operating Conditions	Temperature	10~40° C
	Humidity	10~80 (Non-condensing) %
Design	Color	Black & Titanium Silver
	Stand Type	HAS
	HAS (Height Adjustable Stand)	130±3.0mm
	Tilt	-5°(±2°) to +22°(-1.5°~+2°)
	Swivel	-25°(-2°~0°) to +25°(0°~+3°)
	Pivot	-1.5°(±1.5°) to +91.5°(±1.5°)
	Wall Mount	100 x 100mm (VESA)
Power	Power Supply	AC 100~240V
	Power Consumption (Typical)	Typ 65W (Max 67W) without USB, Typ 95W (Max 102W) with USB
	Power Consumption (DPMS)	0.3W (Typ), 045W (Max)
	Power Consumption (Stand-by)	0.3W (Max)
	Energy Star Power Consumption	42.1 W
	Type	Internal Power
Detailed Dimensions	Set Dimension with Stand (WxHxD) (Max / Min)	29.1" x 24.5" x 11" (MAX) / 29.1" x 19.4" x 11" (MIN)
	Set Dimension without Stand (WxHxD)	29.1" x 17.3" x 2.7"
	Package Dimension (WxHxD)	32.3" x 22.7" x 13.9"
Weight	Set Weight with Stand	21.2 (lbs.)
	Set Weight without Stand	15.0 (lbs.)
	Package Weight	30.0 (lbs.)
Accessories	Cables	HDMI Cable, Mini-DP to DP Cable, USB 3.0 Cable
	Power Cable Length	1.5 m
	Others	Install CD, Quick Start Guide, TCO Certificate, Warranty Card
Certification	Safety	UL (USA): UL 60950-1, CSA (Canada): CSA C22.2 No. 60950-1, TUV (Germany): EN60950-1, NEMKO (Norway): EN60950-1, KC (Korea): K60950-1, CCC (China): GB 4943-2011, PSB (Singapore): IEC60950-1, GOST (Russia): IEC60950-1, EN55022, SIQ (Slovenia): IEC60950-1, EN55022, PCBC (Poland): IEC60590-1, EN55022, NoM (Mexico): NoM-019-SCFI-1993, IRAM (Argentina): IEC60950-1, SASO (Saudi Arabia): IEC60950-1; CNS14336-4 (Taiwan); Portaria 170/201 (Brazil)
	EMC	FCC (USA) FCC Part 15, Subpart B class A, CE (Europe) EN55022, EN55024, VCCI (Japan) V-3 (CISPR22), KCC (Korea): KN22, KN24, C-Tick (Australia): AS/NZS3548 (CISPR22), CCC (China): GB 9254-2008, GB 17625.1-2013, CNS 13438 (Taiwan)
Green Management	Energy / Environment Mark	Energy Star, TCO, Epeat Gold, TUV GS
Warranty	Warranty	3 Year Warranty

CONNECTIVITY

1. HDMI In 1
2. HDMI In 2
3. DisplayPort
4. Mini DisplayPort
5. USB
6. USB
7. SS (PC In)
8. USB
9. USB
10. Headphone