

Larger screen,  
greater resolution,  
increased productivity



## U28E850R

### 28" UHD desktop monitor

The Samsung U28E850R desktop monitor, with its larger UHD screen, helps users view more content and produce outstanding work. The Samsung U28E850R desktop monitor can display sharp details, fit more information on the screen and increase productivity. Made from approximately 30% recycled material and drawing less than 0.3 watts while in off-mode, it can also help your company reach its goals related to environmental conservation and energy consumption.

#### Key features



##### UHD 3840x2160 resolution

Four times the resolution of standard monitors empowers users to view texts and images with greater accuracy. The increased 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 1 billion color support and 1ms response time, the U28E850R is perfect for game development and other motion graphics-intensive applications.



##### 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 U28E850R 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.

#### Contact us

1-866-SAM4BIZ

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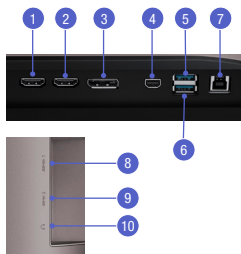
**U28E850R**  
**Samsung UE850R series**  
**28" UHD desktop monitor**



		U28E850R
Display	Screen Size	28"
	Panel Type (PLS / VA / TN)	TN
	Active Display Size (HxV)	620.93(H) x 341.28(V)mm
	Resolution (Aspect Ratio)	UHD 3840x2160 (16:9)
	Brightness Typ. / Min.	370nits / 200nits
	Contrast Ratio (Static)	1000:1(Typ.), 700:1(Min)
	Dynamic Contrast Ratio	Mega ∞ DCR
	Pixel Pitch (HxV)	0.16 (H) x 0.16 (V) mm
	Response Time (G-to-G)	1 ms
	Viewing Angle (Horizontal / Vertical)	170° / 160°
	Color Support	1B
Refresh Rate (Hz)	60Hz	
Features	Samsung MagicAngle	Yes
	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±3mm
	Tilt	-5°(±2) to +22° -1.5°~+2.0°
	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	AC 100~240V
Power Supply	Typ 43W (Max 45W) without USB, Typ 73W (Max 80W) with USB	
Power Consumption (Typical)	0.3W (Typ), 0.45W (Max)	
Power Consumption (DPMS)	0.3W (Max)	
Power Consumption (Stand-by)	27.1 W	
Energy Star Power Consumption Type	Internal Power	
Detailed Dimensions	Set Dimension with Stand (WxHxD) (Max / Min)	26" x 21.7" x 10.3" (MAX) / 26" x 16.6" x 10.3" (MIN)
	Set Dimension without Stand (WxHxD)	26" x 15.1" x 2.4"
	Package Dimension (WxHxD)	29.1" x 19.8" x 12.9"
Weight	Set Weight with Stand	16.4 (lbs.)
	Set Weight without Stand	10.9 (lbs.)
	Package Weight	23.5 (lbs.)
Accessories	Cables	HDMI Cable, Mini-DP to DP Cable, USB 3.0 Cable
	Power Cable Length	1.5 m
	Others	Quick Setup Guide, Install CD (Manual), Warranty Card, TCO Certificate
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, SIO (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 6.0, TCO 6.0, Epeat Gold, TUV GS
Warranty	Warranty	3 Year Warranty

**CONNECTIVITY**

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



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**Product support** 1-866-SAM4BIZ 1-800-SAMSUNG

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Samsung Electronics has been named 2015 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).

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