

In business, it's all about the right connections.

SH850 Series Desktop Monitors

Introducing the ultimate in business connectivity. The Samsung SH850 Series features USB-C and Daisy Chain connectivity, eliminate docking stations, port hubs and extra dongles. USB-C transmits display, data and power through a single cable, while DisplayPort daisy chain allows you to connect multiple monitors with just one cable between them, without having to connect each one to a PC. Since the number of cables and power cords are reduced, you have easier installation, cleaner workstations and more cost-effective solutions. Add in a beautiful picture with QHD resolution, a PLS panel and ultra-slim bezels, and you have everything you need for powerful productivity.



Key Features

Versatile USB-C Connectivity

This single cable connection transmits digital display, data (USB) and power. Connect any PC, tablet or mobile device with a USB-C port and you'll have an instant workstation. Your mobile device will be charged, and up to three peripherals can be plugged directly into the monitor.

DisplayPort Daisy Chain

Easily connect up to four FHD screens or two QHD screens with just one connection between them, eliminating the need to connect each one to the PC. You can extend your desktop with MST technology or duplicate your desktop with SST technology.

QHD (2560 x1440) High Resolution

Delivers stunning, life-like image quality with high pixel density and fine detail. With ~50% more pixels than standard 1080p monitors, professionals can view more lines of code, more detailed images, more content on the screen with smaller, more legible fonts and be more productive.

PLS Panel and Ultra-thin Bezels

Samsung's innovative PLS technology delivers crystal-clear images and text, accurate color and wide 178° viewing angles, while also reducing energy usage. It's beautifully presented in a 3-sided bezel-less frame, so you see more picture and less plastic. With ultra-slim bezels, multiple monitor configurations are seamless.

Full Adjustable Stand and VESA Compatible

The monitor swivels, tilts, pivots and is height-adjustable, for greater user comfort. And since the monitor is VESA compatible, installation on a wall or separate mounting arm is easy.

Split Screen (PPB) and Picture in Picture (PIP)

Allow users to connect two separate sources to the display and view simultaneously. Code in one window and see the results in the other. Included software makes window management easy.

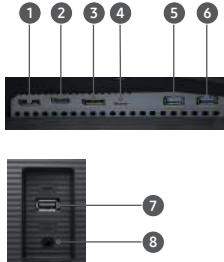
Samsung SH850 Series Desktop Monitors



		S24H850QFN	S27H850QFN
Display	Screen Size (Inch)	23.8	26.9
	Active Display Size (H x V)	526.848 mm x 296.352 mm	596.74 mm x 335.66 mm
	Aspect Ratio	16:9	16:9
	Panel Type	PLS	PLS
	Brightness (Typical / Min)	300 nits / 240 nits	350 nits / 280 nits
	Contrast Ratio Static (Typical / Min)	1000:1, 700:1	1000:1, 600:1
	Dynamic Contrast Ratio	Mega ∞	Mega ∞
	Resolution	2560 x 1440	2560 x 1440
	Response Time	5ms (GTG)	4ms (GTG)
	Viewing Angle (H / V)	178° / 178°	178° / 178°
	Color Support	16.7M	1.07B
	Refresh Rate	60Hz	60Hz
Features	Samsung MagicBright	Yes	Yes
	Samsung MagicUpscale	Yes	Yes
	Eye Saver Mode	Yes	Yes
	Flicker Free	Yes	Yes
	Picture-In-Picture	Yes	Yes
	Picture-By-Picture	Yes	Yes
	Game Mode	Yes	Yes
	Image Size	Yes	Yes
	Daisy Chain	Yes	Yes
	Windows Certification	Windows10	Windows10
	FreeSync	Yes	Yes
	Smart Eco Saving	Yes	Yes
Interface	Off Timer Plus	Yes	Yes
	USB-C	1	1
	DisplayPort	1	1
	HDMI	1	1
	Headphone	1	1
Operating Conditions	USB Hub	3	3
	Temperature	10 ~ 40°C	10 ~ 40°C
Design	Humidity	10 - 80% (Non-Condensing)	10 - 80% (Non-Condensing)
	Color	Black	Black
Eco	Stand Type	HAS	HAS
	HAS (Height Adjustable Stand)	135.0 ± 5.0 mm	135.0 ± 5.0 mm
	Tilt	-5.0° (±2.0°) ~ +24.0° (±2.0°)	-5.0° (±2.0°) ~ +24.0° (±2.0°)
	Swivel	-45.0° (±2.0°) ~ +45.0° (±2.0°)	-45.0° (±2.0°) ~ +45.0° (±2.0°)
	Pivot	-2.0° (±2.0°) ~ +92.0° (±2.0°)	-2.0° (±2.0°) ~ +92.0° (±2.0°)
	Wall Mount, VESA	100 x 100	100 x 100
	ENERGY STAR (Latest effective version)	7.0	7.0
Power	Recycled Plastic	15%	15%
	Power Supply	AC 100~240V	AC 100~240V
	Power Consumption (Max)	100 W	107 W
	Power Consumption (DPMS)	< 0.5 W (HDMI / DP Input Condition)	< 0.5 W (HDMI / DP Input Condition)
Dimensions	Power Consumption (Off Mode)	< 0.3 W	< 0.3 W
	Type	Internal Power	Internal Power
	Set Dimension with Stand (W x H x D)	21.3" x 12.7" x 3"	24.1" x 14.4" x 3.0"
Weight	Set Dimension without Stand (W x H x D)	21.3" x 20.6" x 9.3"	24.1" x 21.4" x 9.3"
	Package Dimension (W x H x D)	26.3" x 8.4" x 17.5"	29.4" x 8.4" x 18.2"
	Set Weight with Stand	9.0 lbs	12.8 lbs
Accessories	Set Weight without Stand	14.1 lbs	17.6 lbs
	Package Weight	18.3 lbs	22.5 lbs
	USB-C Cable	Yes	Yes
Warranty	DP Cable	Yes	Yes
	HDMI Cable	Yes	Yes
	Power Cable Length	1.5 m	1.5 m
	Quick Setup Guide	Yes	Yes
	Warranty	3 Years	3 Years

Connectivity

1. DisplayPort Out
2. HDMI In
3. DisplayPort In
4. USB-C
5. USB 1
6. USB 2
7. USB 3
8. Headphones



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