



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 x 1440) 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 (PBP) 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.

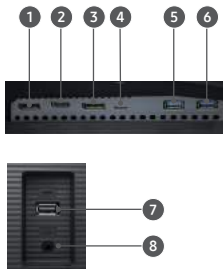
Samsung SH850 Series Desktop Monitors



| | | 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 |
| Off Timer Plus | Yes | Yes | |
| Interface | USB-C | 1 | 1 |
| | DisplayPort | 1 | 1 |
| | HDMI | 1 | 1 |
| | Headphone | 1 | 1 |
| | USB Hub | 3 | 3 |
| Operating Conditions | Temperature | 10 ~ 40°C | 10 ~ 40°C |
| | Humidity | 10 ~ 80% (Non-Condensing) | 10 ~ 80% (Non-Condensing) |
| Design | Color | Black | Black |
| | 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°) |
| Eco | ENERGY STAR (Latest effective version) | 7.0 | 7.0 |
| | Recycled Plastic | 15% | 15% |
| Power | 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) |
| | Power Consumption (Off Mode) | < 0.3 W | < 0.3 W |
| Dimensions | 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" |
| | 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" |
| Weight | Set Weight with Stand | 9.0 lbs | 12.8 lbs |
| | Set Weight without Stand | 14.1 lbs | 17.6 lbs |
| | Package Weight | 18.3 lbs | 22.5 lbs |
| Accessories | USB-C Cable | Yes | Yes |
| | DP Cable | Yes | Yes |
| | HDMI Cable | Yes | Yes |
| | Power Cable Length | 1.5 m | 1.5 m |
| | Quick Setup Guide | Yes | Yes |
| Warranty | 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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