

**SAMSUNG**



# Powering Professional Performance

Elevate Workplace Productivity through Higher Quality Content  
with Samsung's High-Resolution Business Monitors

**SAMSUNG**



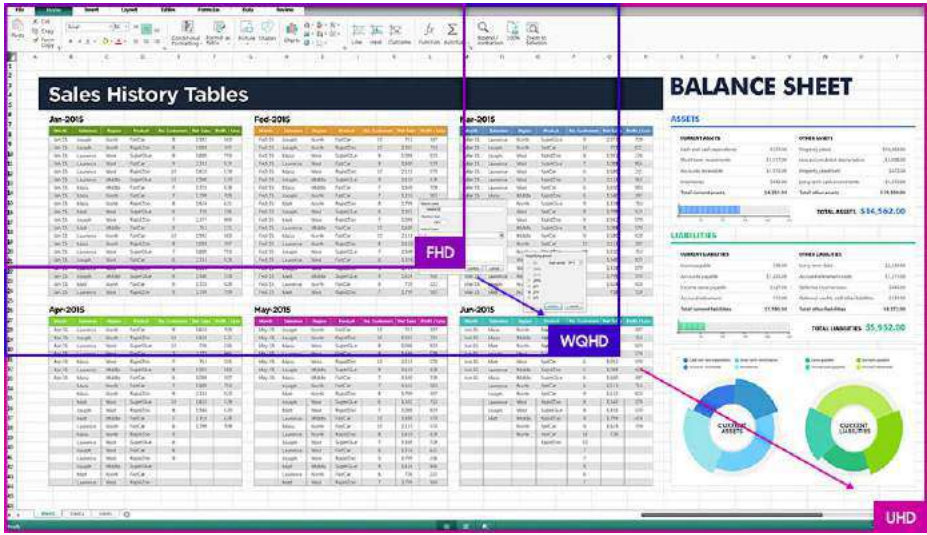
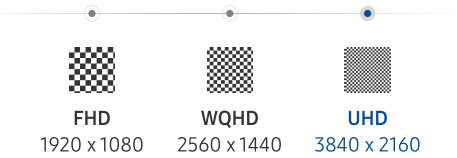
# Why Go High Resolution?

Providing clearer and sharper image quality, high resolution displays can improve productivity in any workplace. And with high-resolution content becoming the professional standard, you are sure to see the full detail of every project every time.



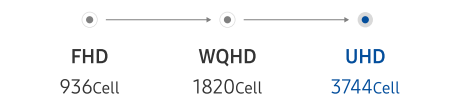
## More onscreen content with higher clarity

Our WQHD monitors have a resolution 2.25 times the pixel density of full HD. The UHD series sports a pixel density 4 times Full HD. Higher clarity is not the sole benefit of high resolution. You get more onscreen content on a higher resolution monitor.



## Higher efficiency

High resolution means not only sharp images but also the ability to display more content at one time. The higher the resolution of your display, the more you are able to view your onscreen content in its unbroken whole with less scrolling and zooming. Samsung's top-notch high resolution monitors are ideal for web browsing, Photoshop editing, and Excel use.

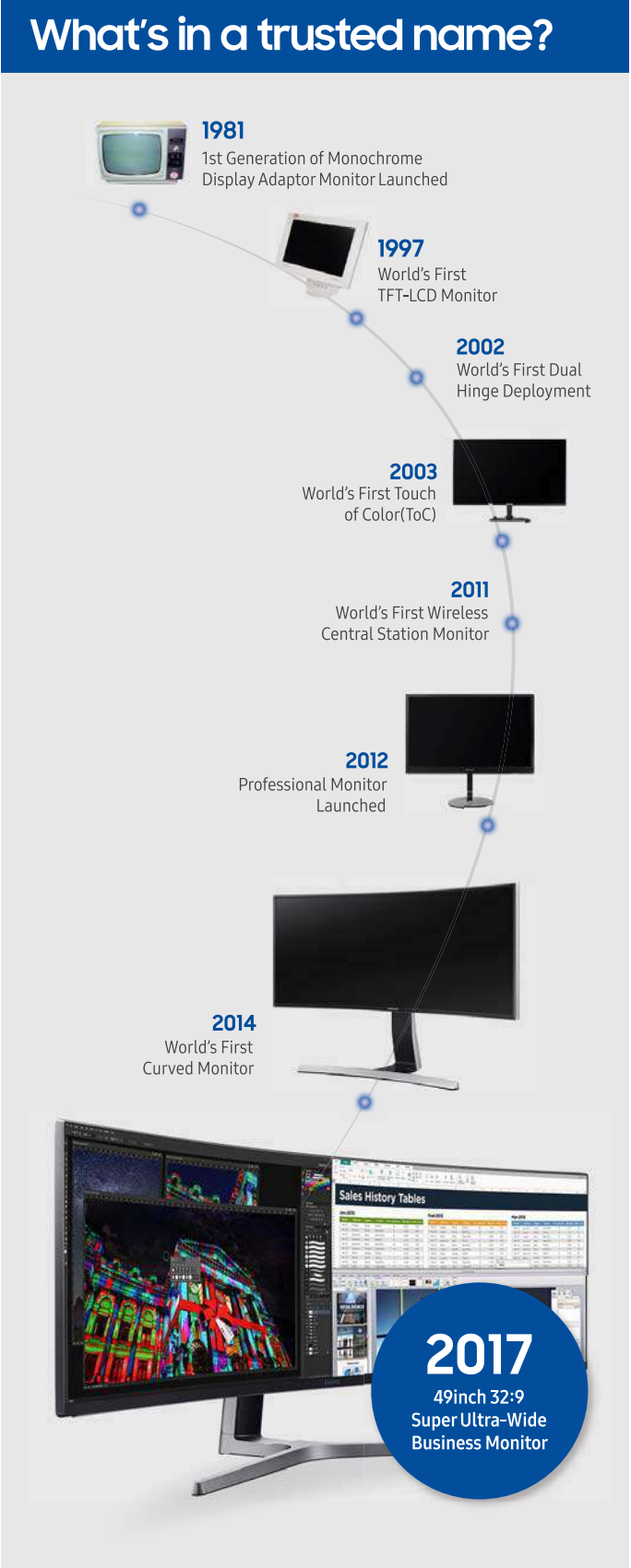


## High Resolution Contents

Samsung's advanced motion blur reduction technology optimally synchronizes the on and off of the LED backlighting. Also, 144Hz refresh rate minimizes image tearing and allows smooth transition.

# Why Samsung High Resolution Monitors? Powerful Innovation

As the world's leading visual display company, Samsung Electronics remains committed to providing our customers with the highest quality, top-performing technologies. Working professionals in particular have trusted Samsung to provide clear and capable desktop monitors during the last four decades.



### No.1 Choice

# No.1

## Top Selling UHD Models

GfK (Aug 17)

2014	2015	2016	2017
UD590	UD590 UE590	UD590 UE590	UD590 UE590

### Review & Award

UE850, SD850

CF791

CF791  
'Best monitors for 2018'

TUV1500R

Idea awards 2017 finalist



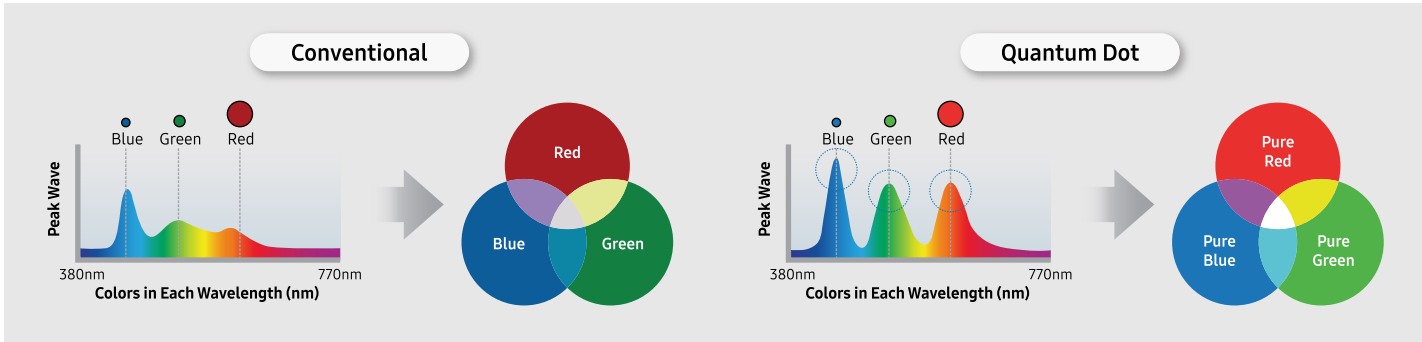
# Why Samsung High Resolution Monitors?

## Powerful Picture Quality: Quantum Dot

Samsung's business monitors pair elevated resolution with quantum dot technology for an exceptional visual experience. This quantum dot resolution amplifies subtle details of data-rich content, allowing workers to analyze and respond with greater accuracy. Similarly, creative pros can design and edit with added precision and deliver more vivid content through the monitors' sharp colors, deep blacks and brilliant whites.



## Wider Color Range (sRGB 125%)

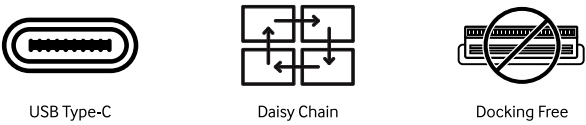


## On Display



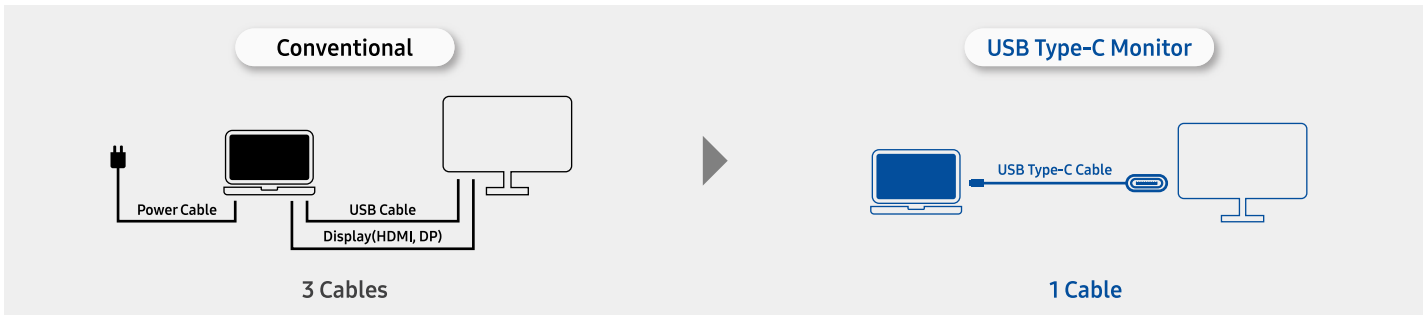
# Powerful Connectivity

In rushing through the daily to-do list, workers cannot afford to lose time untangling wire mazes or navigating multi-display setups. Samsung's high-resolution business monitors provide a compact, all-inclusive workstation ideal for distraction-free professional success. Extensive connectivity powers seamless content exchange between personal devices and monitors without a dedicated hub or application. And with USB Type-C connectivity and seamless multi-screen daisy chaining, Samsung's business monitors inspire a tidy, yet powerful workspace.



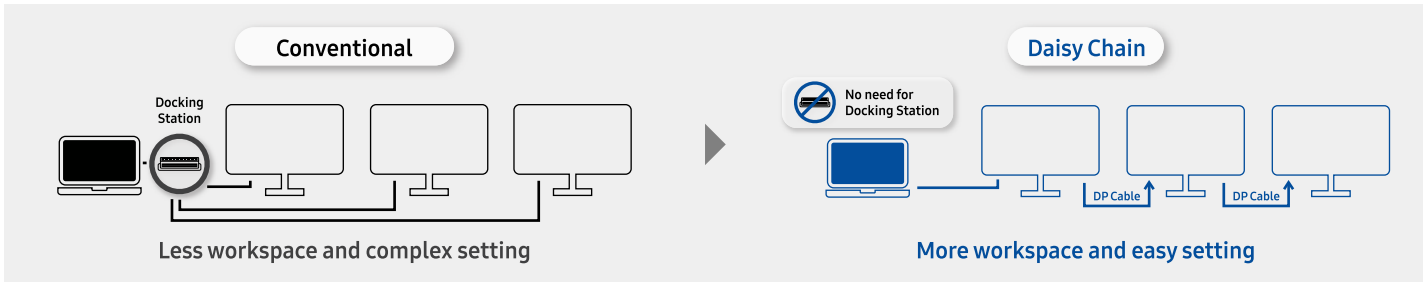
## USB Type-C

The USB Type-C port enables you to power, send data and even display signals between devices with just one connection. Its single connection architecture enables you to enjoy a work environment that is clutter-free as well as stress-free.



## Daisy Chain

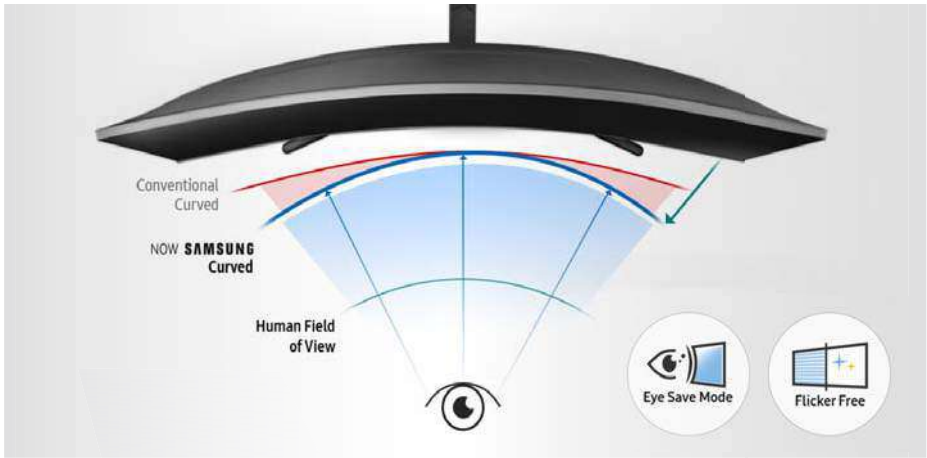
Our High-Resolution Monitors' daisy chain function allows extension and replication in multi-monitor settings with just a single DP cable connection. You can display its onscreen content on a second monitor at the same QHD resolution. Communications in conference settings become a whole lot easier with Samsung's High-Resolution Monitors.





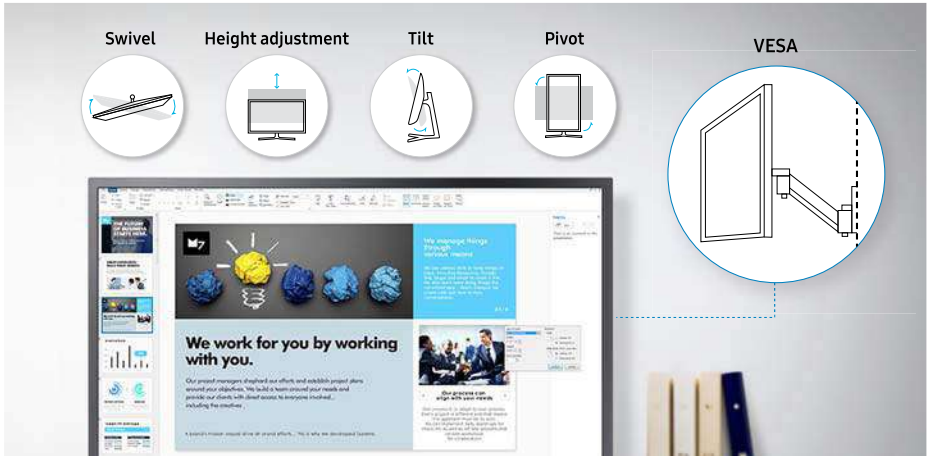
# Powerful Comfort

Through numerous features and a user-friendly design, Samsung's business monitors fuel healthier professional success. Workers can optimize their viewing dimensions with a height-adjustable stand and pivot, swivel and tilt options. Select Samsung business monitors likewise offer a curved design that unifies viewing angles and prevents excessive movement when viewing content. In any configuration, specialized Eye Saver and Flicker Free Modes reduce the impact of blue light emissions and overall distortion for more comfortable long-term performance.



## Curved for comfort view

Engineered to match the natural curvature of the human eye, Samsung's High-Resolution Monitors provide you a comfortable and engrossing view of onscreen content.



## Built to fit your business space

Samsung's High-Resolution Monitors swivels, tilts, pivots, and is height-adjustable, ready to meet the needs of any usage scenario. VESA-supported, it can be installed on a wall or separate arms with ease.

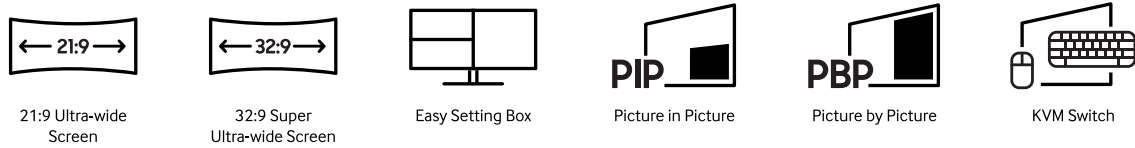


## Easy on Eyes

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

# Powerful Multitasking

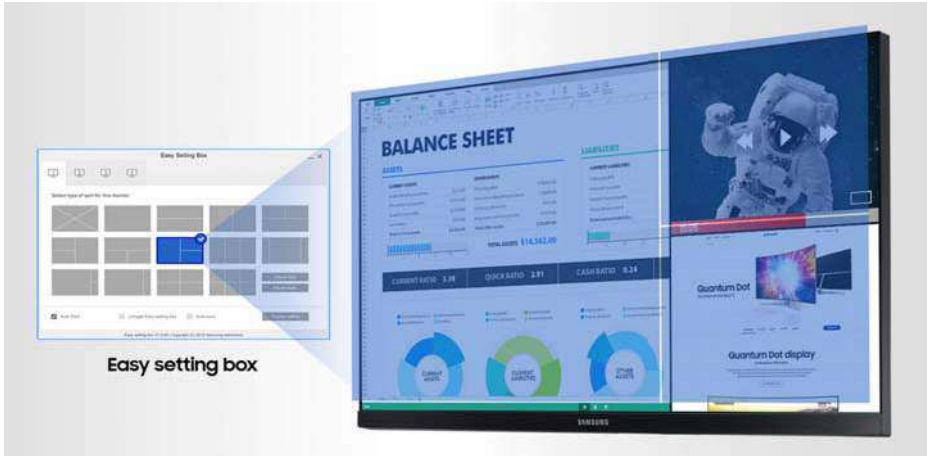
By condensing multi-monitor setups into a single, powerful high-resolution screen, Samsung's new business monitors drive smarter and simpler multitasking. The displays' broad panel presents entire data-rich tables within one screen, offering clearer visibility and interpretation without time-consuming scrolling or zooming. Workers also can reformat and reposition content from multiple sources within a single viewing plane through Picture-by-Picture, Picture-in-Picture and Easy Setting Box technologies.



## Wide Screen for more contents display

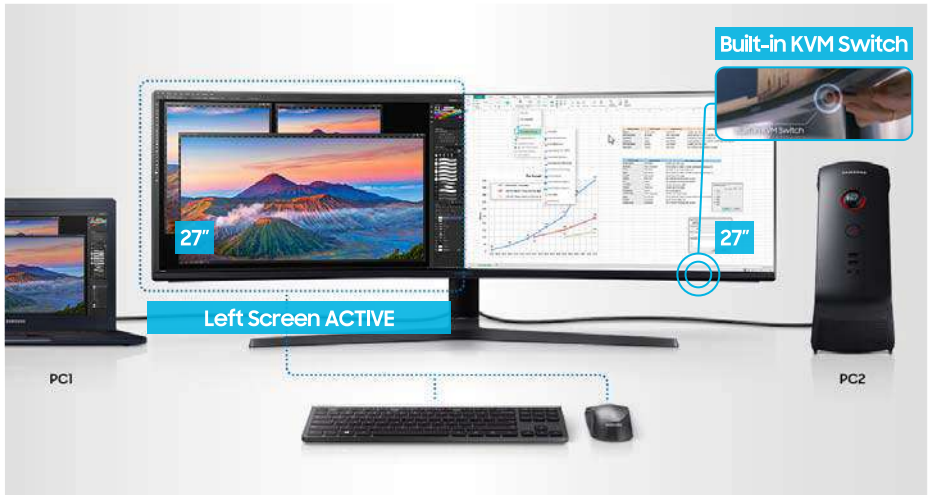
With its 32:9 aspect ratio the super ultra-wide curved panel provides all the space you need to display more of your data-rich documents. Samsung high resolution monitors offer a view so panoramic that you can keep many windows open at once and work comfortably with less scrolling and zooming.

\*21:9 aspect ratio for ultra-wide screen



## Easy Setting Box

Easy Setting Box SW enables users to partition the screen into various layouts of multiple sections so as to multi-task. This powerful tool enhances productivity by organizing multiple window screens. With its Easy Box, you can partition your display, or place multiple displays of various sizes in different positions.



## PBP/PIP Function with KVM Switch

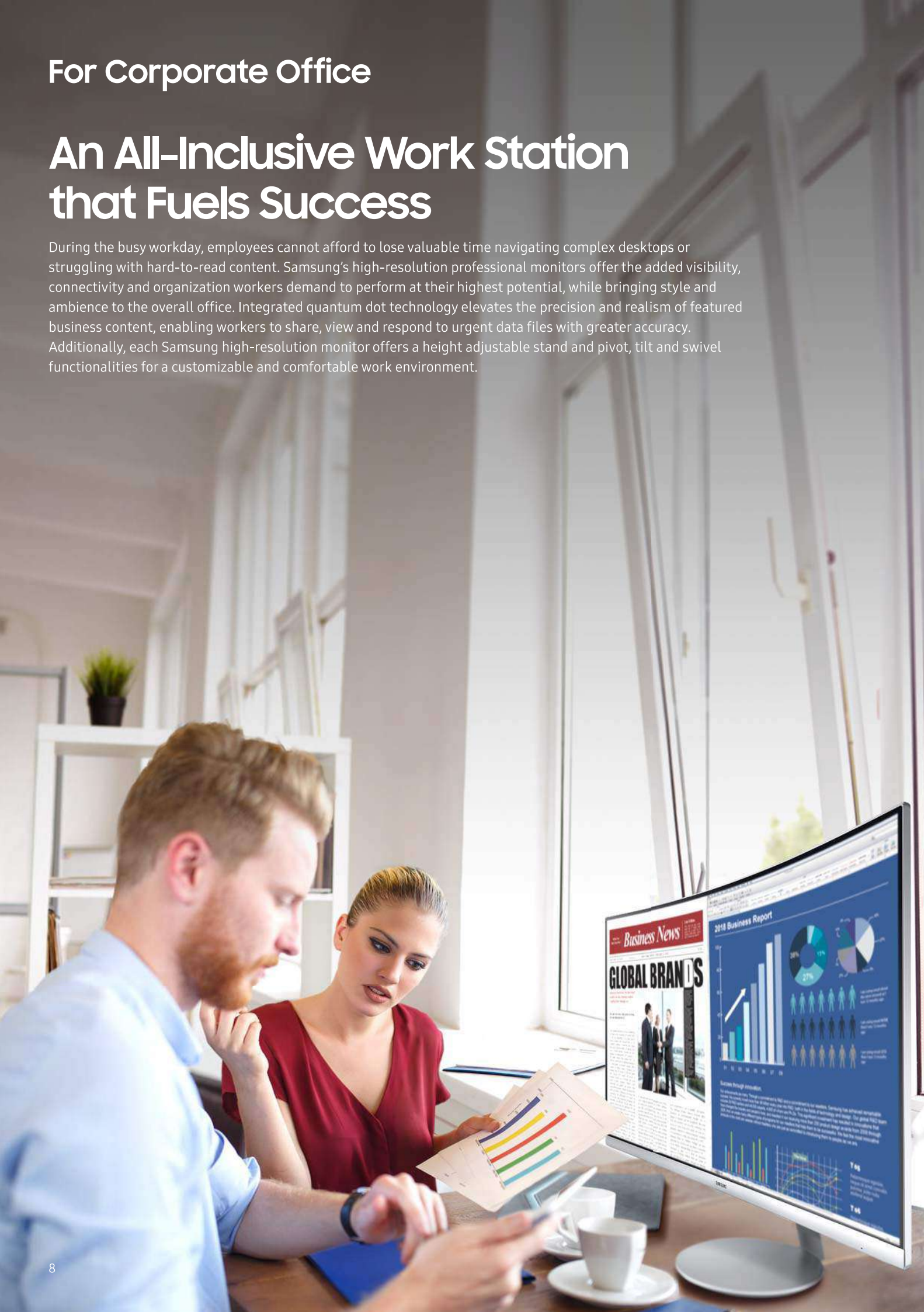
Samsung's Picture-by-Picture & Picture-in-Picture capabilities let you connect to two different devices at the same time while still maintaining the original image quality. With Samsung's built-in KVM switch, only a single set of keyboard and mouse is needed instead of two even in multi-source usage.



# For Corporate Office

## An All-Inclusive Work Station that Fuels Success

During the busy workday, employees cannot afford to lose valuable time navigating complex desktops or struggling with hard-to-read content. Samsung's high-resolution professional monitors offer the added visibility, connectivity and organization workers demand to perform at their highest potential, while bringing style and ambience to the overall office. Integrated quantum dot technology elevates the precision and realism of featured business content, enabling workers to share, view and respond to urgent data files with greater accuracy. Additionally, each Samsung high-resolution monitor offers a height adjustable stand and pivot, tilt and swivel functionalities for a customizable and comfortable work environment.



# For Financial Industry

## Exceptional Clarity for Fast & Accurate Financial Data Review

Accuracy is the foundation of client service in the fast-paced financial industry, and financial professionals require powerful tools to understand, evaluate and respond to data-driven charts and tables. Through an extended, crystal-clear panel, Samsung's high-resolution monitors showcase data sets in their entirety across a single-screen. For financial pros who prefer multi-display setups, Samsung's monitors ease navigation with integrated Picture-by-Picture, Picture-in-Picture and Easy Setting Box technologies that allow multi-source content to be reformatted and repositioned anywhere within the screen. This flexibility eliminates the lost time and elevated error risk that can occur when alternating between disconnected screens or files, and keeps workers comfortable and focused even during long-term projects.

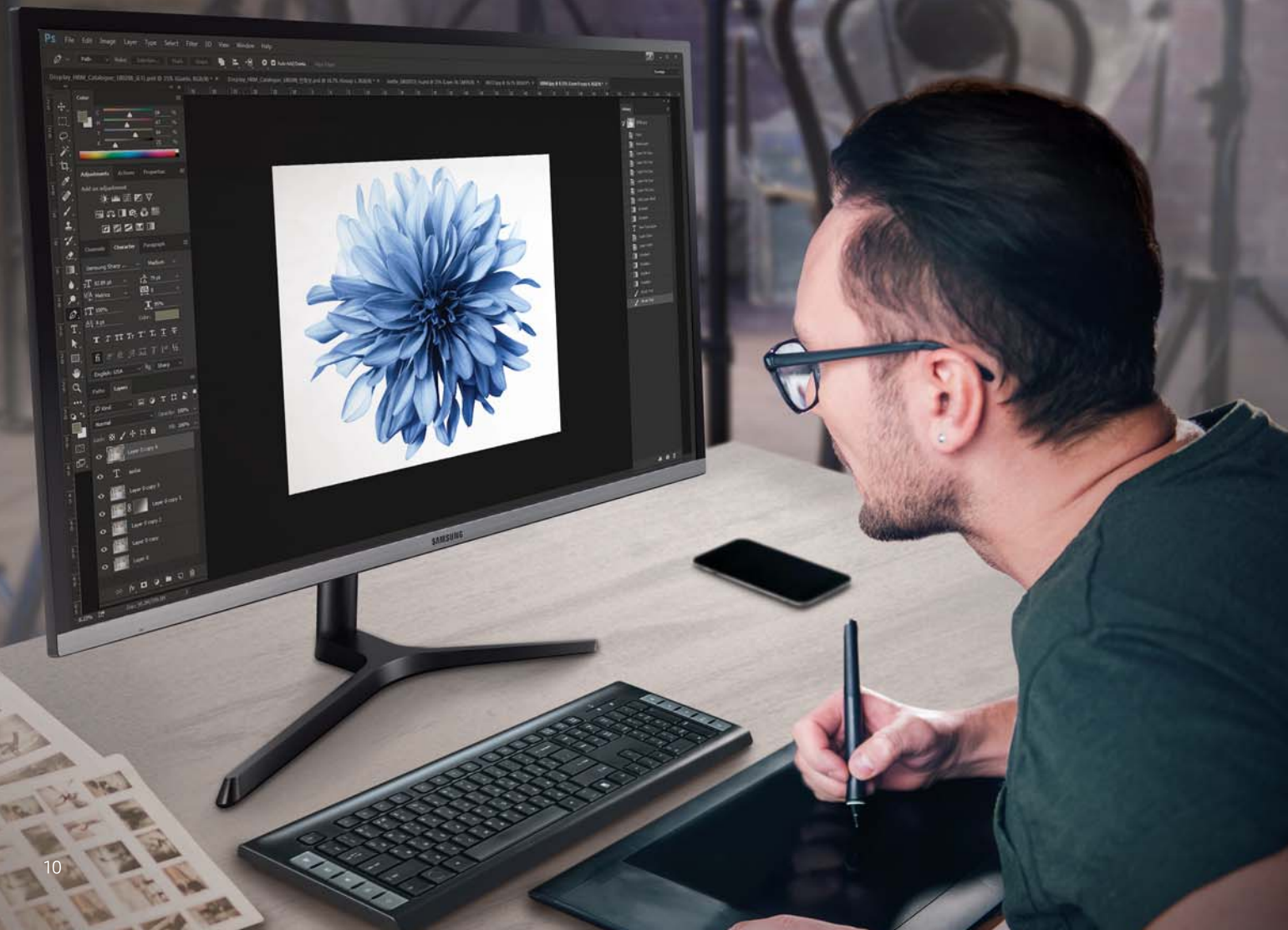




For Media & Entertainment Industry

## Smooth and Distraction-Free Entertainment Content Design

Whether a brief social media clip, a long-form video game or a captivating photo, content designers and developers want viewers to enjoy their work as intended and without visual distraction or distortion. Featuring high-quality quantum dot picture enhancement, Samsung's high-resolution monitors maintain a brilliant and realistic presentation. This interruption prevention, along with specialized Eye Saver and Flicker Free modes, offsets eye fatigue and keeps viewers alert and engaged during long periods of use. The monitors' rich detail and true-to-life color also helps designers bring out the best in images, logos and other small- and large-format static graphics without excessive scrolling or zooming.



For ARCHITECTURE/DESIGN Industry

## A Flexible Workspace that Brings Creative Concepts to Life

Given the creativity and attention to detail required for success, architects and graphic designers need a broad, realistic workspace to translate concepts into realities. Samsung's high-resolution monitors offer a versatile canvas that combines style and functionality for a more efficient creative process. An ultra-wide, Super-sharp panel extends the design arena while empowering pros to zero in on every detail. Architects and designers desiring an even greater creative edge can rely on Samsung's curved high-resolution monitors for more uniform viewing angles and ergonomic comfort. The monitors' versatile mobile connectivity also makes it easier for these professionals to share concepts with colleagues and clients at full quality, and make necessary adjustments, from any location.





# Samsung HRM Product Overview

Putting industry-leading technology on every desk

## UHD (3840\*2160)



UJ59 (31.5")

- Slim & Sleek design
- AMD Freesync
- UHD up-scaling
- PBP & PIP



UE850 (28")

- USB 3.0 Hub & USB Super Charging
- AMD FreeSync
- 1ms response time



UH85 (31.5")

- Quantum dot technology and sRGB 125%
- Multiple USB 3.0 ports & 2 Fast charging ports

## Curved uWQHD (3440\*1440)



CH89 (34")

- 21:9 wide screen
- Greater viewing comfort with 1800R curvature
- PBP and easy setting box S/W
- convenient connectivity with a new USB type C



CF791 (34")

- Quantum dot technology and sRGB 125%
- 21:9 wide screen
- Greater viewing comfort with 1500R curvature
- Dual 7-watt speakers & Multiple Ports



CJ79 (34")

- Quantum dot technology and sRGB 125%
- 21:9 wide screen
- Greater viewing comfort with 1500R curvature
- Dual 7-watt speakers & Multiple Ports



CJ89 (49")

- 32:9 Super wide screen
- Viewing comfort with 1800R curvature
- A new USB type C ports for simple connectivity (2 ports)
- PBP/PIP with built-in KVM switch

## Super Ultrawide (3840\*1080)

## WQHD (2560\*1440)



SH85 (24")

- Vivid, consistent colors through high-end PLS displays
- A new USB type C port for simple connectivity
- Daisy-Chain for multi-monitor settings with just a single DP cable connection



SH85 (27")

- Vivid, consistent colors through high-end PLS displays
- A new USB type C port for simple connectivity
- Daisy-Chain for multi-monitor settings with just a single DP cable connection



SD850 (32")

- Wide viewing angle through VA displays
- USB 3.0 Hub & USB Super Charging

# Samsung HRM Product Specifications



MODEL		UHD		
		UJ59	UE850	UH85
Display	Screen Size (Aspect Ratio)	31.5 (16:9)	28 (16:9)	31.5 (16:9)
	Flat / Curved	Flat	Flat	Flat
	Brightness (Typical)	300cd/m2	370cd/m2	250cd/m2
	Contrast Ratio Static (Typical)	3000:1	1000:1	3000:1
	Resolution	3840x2160	3840x2160	3840x2160
	Viewing Angle (H/V)	178°/178°	170°/160°	178°/178°
	Color Support	1.07B	1.07B	1.07B
	Quantum Dot			●
	sRGB Coverage	100%	95%	125%
	Pixel Fault Class	GHRTL	Class I	Class I
	Refresh Rate	60Hz	60Hz	60Hz
	Features	Samsung MagicBright	●	●
Samsung MagicUpscale			●	●
Eye Saver Mode		●	●	●
Flicker Free		●	●	●
Picture-In-Picture		●	●	●
Picture-By-Picture		●	●	●
DP Daisy Chain (MST/SST)				
Easy Setting Box Software		●	●	●
Compatible OS		Windows, Mac	Windows, Mac	Windows, Mac
Windows Certification		Windows10	Windows10	Windows10
FreeSync		●	●	●
Smart Eco Saving		●	●	●
Off Timer Plus	●	●	●	
Interface	Display Port		●	●
	HDMI	●	●	●
	Headphone	●	●	●
	Display Port Out			
	USB-C / Thunderbolt3 Port			
	USB Hub		1Up, 4Dn (3.0x4ea)	1Up, 4Dn (3.0x4ea)
	Audio/Built-in SPK			
Design	Stand Type	Simple	HAS (130.0±3.0mm)	HAS (135.0±5.0mm)
	Tilt	-2.0° (±2.0°)~15.0° (±2.0°)	-5.0° (±2.0°)~22.0° (±2.0°)	-5.0° (±2.0°)~24.0° (±2.0°)
	Swivel	N/A	-25.0° (±2.0°)~25.0° (±2.0°)	-30.0° (±2.0°)~30.0° (±2.0°)
	Pivot	N/A	-1.5° (±2.0°)~91.5° (±2.0°)	-2.0° (±2.0°)~92.0° (±2.0°)
	Wall Mount	100x100	100x100	100x100
	Set Weight with Stand	6.33kg	7.4Kg	8.8 kg
	Set Dimension with Stand (WxHxD)	729.5 x 427.8 x 56.4 mm	"661.1 x 421.5 x 260.6 mm MIN 661.1 x 551.5 x 260.6 mm MAX"	"731.1 x 485.0 x 298.6 mm MIN 731.1 x 620.0 x 298.6 mm MAX"
Power	Power Supply	AC 100~240V	AC 100~240V	AC 100~240V
	Power Consumption (Off Mode)	Less than 0.3 W	Less than 0.3 W	Less than 0.3 W
	USB-C Power Delivery			
	Type	DC Adapter	Internal Power	Internal Power

# Samsung HRM Product Specifications



MODEL		Curved uWQHD		
		CH89	CF791	CJ79
Display	Screen Size (Aspect Ratio)	34 (21:9)	34 (21:9)	34 (21:9)
	Flat / Curved	Curved (1800R)	Curved (1500R)	Curved (1500R)
	Brightness (Typical)	300cd/m2	300cd/m2	300cd/m2
	Contrast Ratio Static (Typical)	3000:1	3000:1	3000:1
	Resolution	3440x1440	3440x1440	3440x1440
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Color Support	16.7M	16.7M	16.7M
	Quantum Dot		●	●
	sRGB Coverage	95%	125%	125%
	Pixel Fault Class	Class I	Class I	Class I
	Refresh Rate	100Hz	100Hz	100Hz
Features	Samsung MagicBright	●	●	●
	Samsung MagicUpscale	●	●	●
	Eye Saver Mode	●	●	●
	Flicker Free	●	●	●
	Picture-In-Picture	●	●	●
	Picture-By-Picture	●	●	●
	DP Daisy Chain (MST/SST)			
	Easy Setting Box Software	●	●	●
	Compatible OS	Windows, Mac	Windows, Mac	Windows, Mac
	Windows Certification	Windows10	Windows10	Windows10
	FreeSync	●	●	●
	Smart Eco Saving	●	●	●
Off Timer Plus	●	●	●	
Interface	Display Port	●	●	●
	HDMI	●	● (x 2ea)	●
	Headphone	●	●	●
	Display Port Out			
	USB-C / Thunderbolt3 Port	USB-C		Thunderbolt 3 (x 2ea)
	USB Hub	1Up, 3Dn (2.0x3ea)	1Up, 2Dn (3.0x2ea)	1Up, 2Dn (3.0x2ea)
	Audio/Built-in SPK		●	●
Design	Stand Type	HAS (135.0 ± 5.0 mm)	HAS (100 ± 5.0 mm)	HAS (100 ± 5.0 mm)
	Tilt	-5.0° (±2.0°) ~ +24.0° (±2.0°)	-2° (±4°) ~ 34° (±4°)	-2° (±4°) ~ 34° (±4°)
	Swivel	-30.0° (-2.0°) ~ +30.0° (+2.0°)	-30.0° (-2.0°) ~ +30.0° (+2.0°)	-30.0° (-2.0°) ~ +30.0° (+2.0°)
	Pivot	N/A	N/A	N/A
	Wall Mount	100x100	100x100	100x100
	Set Weight with Stand	7.9 kg	7.6 kg	7.6 kg
	Set Dimension with Stand (WxHxD)	"811.4 x 403.9 x 298.6 mm MIN 811.4 x 538.9 x 298.6 mm MAX"	808.7 x 362.8 x 167.0 mm	808.7 x 362.8 x 167.0 mm
Power	Power Supply	AC 100~240V	AC 100~240V	AC 100~240V
	Power Consumption (Off Mode)	Less than 0.3 W	Less than 0.3 W	Less than 0.3 W
	USB-C Power Delivery	up to 65W		85W, 15W
	Type	Internal Power	DC Adapter	DC Adapter

# Samsung HRM Product Specifications



MODEL	Super Ultrawide	WQHD	
	CJ89	SH85	SD850
Display	Screen Size (Aspect Ratio)	23.8 (16:9), 27 (16:9)	32 (16:9)
	Flat / Curved	Flat	Flat
	Brightness (Typical)	300cd/m2	300cd/m2
	Contrast Ratio Static (Typical)	3000:1	3000:1
	Resolution	3840x1080	2560x1440
	Viewing Angle (H/V)	178°/178°	178°/178°
	Color Support	16.7M	16.7M, 1.07B
	Quantum Dot		
	sRGB Coverage	99%	95%, 98%
	Pixel Fault Class	Class I	Class I
Features	Refresh Rate	144Hz	60Hz
	Samsung MagicBright	●	●
	Samsung MagicUpscale	●	●
	Eye Saver Mode	●	●
	Flicker Free	●	●
	Picture-In-Picture	●	●
	Picture-By-Picture	●	●
	DP Daisy Chain (MST/SST)		
	Easy Setting Box Software	●	●
	Compatible OS	Windows, Mac	Windows, Mac
	Windows Certification	Windows10	Windows10
	FreeSync		●
	Smart Eco Saving	●	●
	Off Timer Plus	●	●
Interface	Display Port	●	●
	HDMI	●	●
	Headphone	●	●
	Display Port Out		
	USB-C / Thunderbolt3 Port	USB-C (x 2ea) 95W, 15W	USB-C
	USB Hub	1Up, 3Dn (3.0x1ea, 2.0x2ea)	3Dn (2.0x2ea, 3.0x1ea)
	Audio/Built-in SPK	●	
Design	Stand Type	HAS (120 ± 5.0 mm)	HAS (135.0 ± 5.0 mm)
	Tilt	-2.0° (±2.0°) ~ +15.0° (±2.0°)	-5.0° (±2.0°) ~ +24.0° (±2.0°)
	Swivel	-15.0° (±2.0°) ~ +15.0° (±2.0°)	-30.0° (-2.0°) ~ +30.0° (+2.0°)
	Pivot	N/A	-2.0° (±2.0°)~92.0° (±2.0°)
	Wall Mount	100x100	100x100
	Set Weight with Stand	15.0kg	6.4 kg, 8.0kg
	Set Dimension with Stand (WxHxD)	1203.0 x 525.5 x 381.6 mm	"540.4 x 395.0 x 236.0 mm MIN 540.4 x 523.1 x 236.0 mm MAX"
			"741.3×500×280 mm MIN 741.3×630×280 mm MAX"
Power	Power Supply	AC 100~240V	AC 100~240V
	Power Consumption (Off Mode)	Less than 0.3 W	Less than 0.3 W
	USB-C Power Delivery	95W, 15W	up to 45W
	Type	Internal Power	Internal Power