

Connectivity plus curves equals the cutting edge.

27" Ultra-Curved Monitor with Easy Connectivity

With an immersive ultra-curved panel, three-sided bezel-less frame and easy multi-monitor connectivity, the Samsung C27H800 offers a commanding view of your workday. The 1080p VA panel and 3000:1 contrast ratio deliver rich, detailed images, while USB-C connectivity and DisplayPort daisy chain make it easy to extend or mirror your desktop, with only a single cable between each monitor. No dongles or docking station required. And with an internal power supply, fully adjustable stand and VESA compatibility, it's perfect for business.



Key Features



Curved Screen and Ultra-Thin Bezels

Samsung's super-curved 1800R VA panel is designed for comfort and style. With an 1800mm radius, the distance from screen to eye is a more uniform distance, resulting in less eye fatigue when working long hours. The three-sided bezel-less frame lets you see more picture and less plastic, and is ideal for multi-monitor setups.



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. No dongles or docking station required.



DisplayPort Daisy Chain

Connect up to four FHD screens or two QHD screens with a single connection between them. No need to connect each one to the PC. And MST and SST make it simple to extend or duplicate your desktop.



Best-in-Class 3000:1 Contrast Ratio

Thanks to a best-in-class 3000:1 contrast ratio, Samsung VA panels deliver deeper blacks, more pristine whites and sharper detail. Light leakage is minimized and dark scenes are more uniform.



AMD FreeSync Gaming Technology

This advanced technology synchronizes the monitor's refresh rate to match the output of the graphic card, to eliminate stuttering and tearing.



Adjustable Stand and VESA Compatible

The monitor swivels, tilts and is height-adjustable for greater comfort. VESA compatibility makes installation on a wall or mounting arm simple.



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.

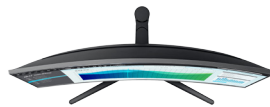
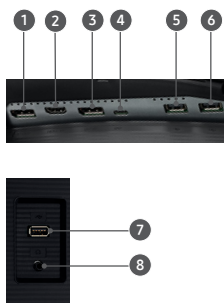
Samsung CH800 Series 27.0" Desktop Monitor



		C27H800FCN
Display	Screen Size	27.0"
	Flat / Curved	Curved, 1800R
	Active Display Size (HxV) (mm)	597.888 x 336.312
	Screen Curvature	VA, Curved 1800R
	Aspect Ratio	16:9
	Panel Type	VA
	Brightness (Typical / Min)	250 nits / 200 nits
	Contrast Ratio Static	3000:1 (Typ), 2400:1 (Min)
	Dynamic Contrast Ratio	Mega ∞
	Resolution	1920 x 1080
	Response Time	5 (GTG) ms
	Viewing Angle (H/V)	178° / 178°
	Color Support	16.7M
	sRGB Coverage	98%
Refresh Rate	60Hz	
Features	Samsung MagicBright	Yes
	Samsung MagicUpscale	Yes
	Eye Saver Mode	Yes
	Flicker Free	Yes
	Game Mode	Yes
	Image Size	Yes
	DP Daisy Chain	Yes
	Easy Setting Box Software	Yes
	Windows Certification	Windows 10
	FreeSync	Yes
	Smart Eco Saving	Yes
	Off-Timer Plus	Yes
Interface	DisplayPort (1.2a)	1 In, 1 Out
	HDMI (1.4)	1
	Headphone	1
	DisplayPort Out	1
	USB-C	1, up to 45W Charging
	USB Hub	1Up 3Dn (2.0 x 3)
	Operating Conditions	Temperature
Humidity		10 ~ 80% (Non-Condensing)
Design	Color	Dark Silver
	Stand Type	Fully Adjustable
	HAS (Height Adjustable Stand)	135.0 ± 5.0mm
	Tilt	-5.0° (±2.0°) ~ 24.0° (±2.0°)
	Swivel	-30.0° (±2.0°) ~ 30.0° (±2.0°)
	Pivot	-2.0° (±2.0°) ~ 92.0° (±2.0°)
Eco	Energy Efficiency Class	B (Europe / CIS)
	Recycled Plastic	15%
Power	Power Supply	AC100~240V
	Power Consumption (Max / Typ)	124 W / 43.0 W (Europe/CIS)
	Power Consumption (DPMS)	< 0.5 W (HDMI/DP Input Condition)
	Power Consumption (Off Mode)	< 0.3 W
	Power Consumption (Yearly)	63 kWh / Year (Europe / CIS)
Dimensions	Set Dimension with Stand (W x H x D)	24.2" x 21.3" x 11.1"
	Set Dimension without Stand (W x H x D)	24.2" x 14.3" x 3.8"
	Package Dimension (W x H x D)	28.8" x 9.4" x 17.4"
	Type	Internal Power
Weight	Set Weight with Stand	9.5 lbs
	Set Weight without Stand	13.2 lbs
	Package Weight	18.1 lbs
Accessories	USB-C Cable	Yes, 1 m
	DP Cable	Yes, 1.5 m
	HDMI Cable	Yes, 1.5 m
	Power Cable Length	Yes, 1.5 m
	Install CD	Yes
Certifications	Quick Setup Guide	Yes
	Ergonomic & Environment	CB / UL / CE / TUV-GS / TUV-Q
Warranty	Warranty	3 Years

Connectivity

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



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