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.

**Curved Screen and Ultra-Thin Bezels**

Samsung’s super-curved 1800R VA panels are 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.

**Contact Us:** samsung.com/b2bmonitors
# 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)
- **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 Out**: 1, 1 Out
- **HDMI In**: 1
- **DisplayPort In**: 1
- **USB-C**: 1, up to 45W Charging
- **USB Hub**: 1 Up, 3 Down (2.0 x 3)

### Operating Conditions
- **Temperature**: 50 ~ 104°F
- **Humidity**: 10 ~ 80% (Non-Condensing)

### Design
- **Color**: Dark Silver
- **HAS (Height Adjustable Stand)**: Fully Adjustable
- **Tilt**: -5.0° (±2.0°) ~ 24.0° (±2.0°)
- **Swivel**: -30.0° (±2.0°) ~ 30.0° (±2.0°)
- **Pivot**: 135.0 ± 5.0mm
- **Wall Mount**: 100 x 100

### Eco
- **Energy Efficiency Class**: B (Europe / US)
- **Recycled Plastic**: 15%

### Power
- **Power Supply**: AC 100~240V
- **Power Consumption (Max /Typ)**: 124 W / 103.0 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)
- **Internal Power**: 63 kWh / Year

### 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 9.1"
- **Package Dimension (W x H x D)**: 28.8" x 14.4" x 17.4"
- **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
- **Quick Setup Guide**: Yes

### Certification
- **Ergonomic & Environment**: CB / UL / CE / TUV-55 / TUV-Q
- **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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