

## Samsung S27D400GAU (LS27D400GAUXXU)

Samsung S27D400GAU - S40GD Series - LED monitor - 27" - 1920 x 1080 Full HD (1080p) @ 100 Hz - IPS - 250 cd/m<sup>2</sup> - 1000:1 - 5 ms - 2xHDMI, DisplayPort - black



The Samsung S27D400GAU is a versatile 27-inch desktop monitor designed to enhance your viewing experience with impressive Full HD (1080p) resolution. It features a dynamic image with a brightness of 250 cd/m<sup>2</sup> and a contrast ratio of 1000:1, ensuring vivid and clear visuals whether for work or play. With a response time of 5 ms and a V-Sync rate of 100 Hz, fast-moving images play smoothly, making it ideal for gaming and multimedia applications. The monitor also boasts an expansive 178-degree horizontal and vertical viewing angle, providing consistent color and clarity from various positions. This monitor comes equipped with a range of convenient features, including a USB 2.0 hub for easy device connectivity and multiple adjustment options such as tilt, height, and swivel to ensure ergonomic comfort. The Slim Design and Flicker-Free technology contribute to a modern aesthetic while reducing eye strain during extended use. With an energy-efficient profile, including Energy Saver mode and an eco-friendly design featuring 16.3% recycled plastic, the Samsung S27D400GAU delivers performance while being mindful of the environment.

### Key Selling Points

- 27-inch Full HD (1080p) display for clear visuals
- 178-degree viewing angles for consistent image quality
- Fast response time of 5 ms suitable for gaming
- USB 2.0 hub for convenient device connections
- Adjustable stand for customizable comfort

### Product Features

#### Immersive display quality

The Samsung S27D400GAU features a native resolution of 1920 x 1080 and a brightness of 250 cd/m<sup>2</sup>, delivering stunning visuals that enhance both productivity and entertainment. The Mega Dynamic Contrast Ratio ensures that images appear vibrant with deep blacks and bright whites.

#### Ergonomic adjustments

This monitor includes multiple display position adjustments, such as height, pivot, swivel, and tilt. These features allow users to customize their workstation setup for optimal comfort, reducing strain during long hours of use.

#### Advanced gaming features

Equipped with game mode and a 100 Hz V-Sync rate, the Samsung S27D400GAU offers an enhanced gaming experience by reducing lag and improving responsiveness during high-action sequences.

#### Energy-efficient design

Designed with energy efficiency in mind, this monitor has an Energy Class rating of Class C and features an Energy Saver mode. It consumes only 14 kWh/1000h, making it an eco-conscious choice that helps reduce electricity bills.

#### Eye-friendly technologies

The Flicker-Free technology and Eye Saver Mode minimize eye strain, allowing for extended usage without discomfort. These features help create a healthier viewing environment, making it suitable for both work and leisure activities.

### Main Specifications

Product Description	Samsung S27D400GAU - S40GD Series - LED monitor - Full HD (1080p) - 27"
Device Type	LED-backlit LCD monitor - 27"
Energy Label QR Code URL	<a href="https://eprel.ec.europa.eu/qr/2109447">https://eprel.ec.europa.eu/qr/2109447</a>
Energy Class	Class C
Energy Consumption per Year	20 kWh
Features	USB 2.0 hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3113 mm
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1
Response Time	5 ms (grey-to-grey)
Colour Support	16.7 million colours
Colour Gamut	72% (CIE 1931)
Input Connectors	2xHDMI, DisplayPort
Display Position Adjustments	Height, pivot (rotation), swivel, tilt

Voltage	AC 100-240 V
Colour	Black
Dimensions (WxDxH) - with stand	61.27 cm x 21.9 cm x 53.83 cm
Weight	4 kg
Environmental Standards	TCO Certified, generation 10, for displays
Compliant Standards	HDCP 1.2

## Extended Specification

### General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	<a href="https://eprel.ec.europa.eu/qr/2109447">https://eprel.ec.europa.eu/qr/2109447</a>
Energy Class	Class C
Energy Consumption per Year	20 kWh
Diagonal Size	27"
Built-in Devices	USB 2.0 hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3113 mm
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1
Colour Support	16.7 million colours
Colour Gamut	72% (CIE 1931)
Response Time	5 ms (grey-to-grey)
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Backlight Technology	LED backlight
Features	Game mode, Mega Dynamic Contrast Ratio, Flicker Free technology, Energy Saver, Image Size, Eye Saver Mode, Off Timer Plus, Super Slim Design, Auto Source Switch
Colour	Black
Dimensions (WxDxH)	61.27 cm x 21.9 cm x 53.83 cm - with stand
Weight	4 kg

### Miscellaneous

Features	Security lock slot (cable lock sold separately), 16.3% recycled plastic
Cables Included	1 x HDMI cable
Compliant Standards	HDCP 1.2
Security Slot Type	Kensington security slot

### Power

Input Voltage	AC 100-240 V
Power Consumption SDR (On mode)	14 kWh/1000h
Power Consumption (Typical)	14 Watt
Power Consumption (Max)	50 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

### Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)

## Connectivity

Interfaces	2 x HDMI   DisplayPort 1.2 (HDCP 1.2)   Headphone jack (mini-jack)   2 x USB 2.0 downstream   USB 2.0 upstream (Type B)
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## Dimensions & Weight

Dimensions & Weight Details	With stand - width: 61.27 cm - depth: 21.9 cm - height: 53.83 cm - weight: 4 kg   Without stand - width: 61.27 cm - depth: 3.98 cm - height: 36.09 cm - weight: 2.7 kg
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## Dimensions & Weight (Shipping)

Shipping Width	65.5 cm
Shipping Depth	48.8 cm
Shipping Height	10.9 cm
Shipping Weight	5.6 kg

## Mechanical

Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-3/+25
Swivel Angle	90
Rotation Angle	184
Height Adjustment	105 mm
VESA Mounting Interface	100 x 100 mm

## Sustainability Information

TCO Certified	TCO Certified, generation 10, for displays
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## What's in the box

Samsung S27D400GAU

HDMI cable

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