

# Studio Display - Technical Specifications

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 [apple.com/studio-display/specs](https://apple.com/studio-display/specs)

## Display

### 5K Retina display

- 27-inch (diagonal) 5K Retina display
- 5120-by-2880 resolution at 218 pixels per inch
- 600 nits brightness
- Support for 1 billion colors
- Wide color (P3)
- True Tone technology

### Configurable with:

Nano-texture glass

## Reference Modes

### Available reference modes:

- Apple Display (P3-600 nits)
- HDTV Video (BT.709-BT.1886)
- NTSC Video (BT.601 SMPTE-C)
- PAL and SECAM Video (BT.601 EBU)
- Digital Cinema (P3-DCI)
- Digital Cinema (P3-D65)
- Design and Print (P3-D50)
- Photography (P3-D65)
- Internet and Web (sRGB)

## Camera

- 12MP Ultra Wide camera with 122° field of view
- $f/2.4$  aperture
- Center Stage

## Audio

- High-fidelity six-speaker system with force-cancelling woofers
- Wide stereo sound
- Support for Spatial Audio when playing music or video with Dolby Atmos
- Studio-quality three-mic array with high signal-to-noise ratio and directional beamforming

- Support for “Hey Siri”

## Connections

One Thunderbolt 3 (USB-C) port, three USB-C ports

- One upstream Thunderbolt 3 (USB-C) port for host (with 96W host charging)
- Three downstream USB-C ports (up to 10Gb/s) for connecting peripherals, storage, and networking
- USB-C
- Thunderbolt 3

## Stand

- **Tilt-adjustable stand**
- Tilt:  $-5^{\circ}$  to  $+25^{\circ}$

Configurable with:

- Tilt- and height-adjustable stand
- Tilt:  $-5^{\circ}$  to  $+25^{\circ}$
- Height adjustment: total of 105 mm

VESA mount adapter

- Compatible with 100 x 100 mm VESA stand or mount
- Orientation: landscape or portrait

## Size and Weight

### **Studio Display with tilt-adjustable stand**

**Height:** 18.8 inches (47.8 cm)

**Width:** 24.5 inches (62.3 cm)

**Depth:** 6.6 inches (16.8 cm)

**Weight:** 13.9 pounds (6.3 kg)<sup>1</sup>

Stand depth:

6.6 inches 16.8 cm

Height:

18.8 inches 47.8 cm

Width:  
24.5 inches 62.3 cm

### **Studio Display with tilt- and height-adjustable stand**

**Height (bottom position):** 18.8 inches (47.9 cm)

**Width:** 24.5 inches (62.3 cm)

**Height (top position):** 23.0 inches (58.3 cm)

**Weight:** 16.9 pounds (7.7 kg)<sup>1</sup>

**Depth:** 8.1 inches (20.7 cm)

Stand depth:  
8.1 inches 20.7 cm

Height, bottom position:  
18.8 inches 47.9 cm

Width:  
24.5 inches 62.3 cm

Height, top position:  
23.0 inches 58.3 cm

Stand Depth:  
8.1 inches 20.7 cm

### **Studio Display with VESA mount adapter**

**Height:** 14.3 inches (36.2 cm)

**Width:** 24.5 inches (62.3 cm)

**Depth:** 1.2 inches (3.1 cm)

**Weight:** 12.1 pounds (5.5 kg)<sup>1</sup>

Stand depth:  
1.2 inches 3.1 cm

Height:  
14.3 inches 36.2 cm

Width:

24.5 inches 62.3 cm

## Compatibility

Studio Display is compatible with the following Mac models running macOS Monterey 12.3 or later:

- Mac Studio (2022)
- 16-inch MacBook Pro (2019 or later)
- 14-inch MacBook Pro (2021)
- 13-inch MacBook Pro (2016 or later)
- 15-inch MacBook Pro (2016 or later)
- MacBook Air (2018 or later)
- Mac mini (2018 or later)
- Mac Pro (2019 or later)
- 24-inch iMac (2021)
- 27-inch iMac (2017 or later)
- 21.5-inch iMac (2017 or later)
- iMac Pro (2017)

Studio Display is compatible with the following iPad models running iPadOS 15.4 or later:<sup>2</sup>

- iPad Pro 12.9-inch (3rd generation or later)
- iPad Pro 11-inch
- iPad Air (5th generation)

## In the Box

- Studio Display
- Thunderbolt cable (1 m)

## Electrical and Operating Requirements

- **Line voltage:** 100–240V AC
- **Frequency:** 50Hz to 60Hz, single phase
- **Operating temperature:** 50° to 95° F (10° to 35° C)
- **Relative humidity:** 5% to 90% noncondensing
- **Maximum altitude:** tested up to 16,400 feet (5000 meters)

## Limited Warranty and Service

Your Studio Display comes with 90 days of complimentary technical support and a one-year limited warranty. Purchase AppleCare+ for Apple Display to extend your coverage from your AppleCare+ purchase date and add up to two incidents of accidental damage

coverage every 12 months, each subject to a service fee of \$99 for screen damage or external enclosure damage, or \$299 for other repairable accidental damage, plus applicable tax.

[AppleCare+ for Apple Display](#)

[Learn more](#)

Configure to Order

- Configure your Studio Display with these options at [apple.com](#):
- Nano-texture glass
- Tilt- and height-adjustable stand
- VESA mount adapter

Accessories

[Magic Keyboard with Touch ID and Numeric Keypad](#)

[Magic Trackpad](#)

[Magic Mouse](#)

[Thunderbolt 4 Pro Cable \(1.8 m\)](#)

[Thunderbolt 4 Pro Cable \(3 m\)](#)

[Polishing Cloth](#)