Studio Display - Technical features



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)

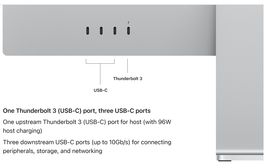
Camera

12MP Ultra Wide camera with 122° field of view
ƒ/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

Stand

Tilt-adjustable stand
Tilt: –5° to +25°

Configurable with:
Tilt- and height-adjustable stand
Tilt: –5° to +25°
Height adjustment: total of 105 mm

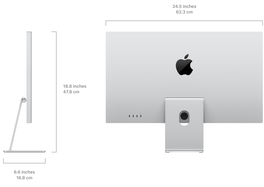
VESA mount adapter
Compatible with 100 x 100 mm VESA stand or mount
Orientation: landscape or portrait

Size and Weight

Studio Display with tilt-adjustable stand

Height: 18.8 inches (47.8 cm)
Depth: 6.6 inches (16.8 cm)

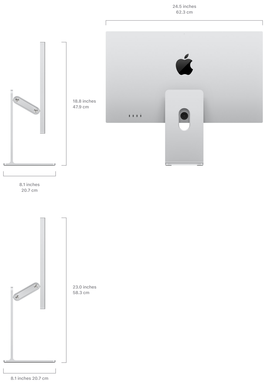
Width: 24.5 inches (62.3 cm)
Weight: 13.9 pounds (6.3 kg)[1]



Studio Display with tilt- and height-adjustable stand

Height (bottom position): 18.8 inches (47.9 cm)
Height (top position): 23.0 inches (58.3 cm)
Depth: 8.1 inches (20.7 cm)

Width: 24.5 inches (62.3 cm)
Weight: 16.9 pounds (7.7 kg)[1]



Studio Display with VESA mount adapter

Height: 14.3 inches (36.2 cm)
Depth: 1.2 inches (3.1 cm)

Width: 24.5 inches (62.3 cm)
Weight: 12.1 pounds (5.5 kg)[1]



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 or later)
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:[2]
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)