

Apple Studio Display XDR Standard glass (MFEL4FD/A)

Apple Studio Display XDR Standard glass - LED monitor - 27" - 5120 x 2880 5K @ 120 Hz - 2000 cd/m² - 1000000:1 - Thunderbolt 5 - speakers with subwoofer



Main Specifications

Product Description	Apple Studio Display XDR Standard glass - LED monitor - 5K - 27" - HDR
Device Type	LED-backlit LCD monitor - 27"
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2472489
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Energy Class	Class G
Power Consumption (On mode)	32.7 W
Daisy Chaining	Yes
Features	12 megapixel camera, 6 speakers with force-cancelling woofers, 3 microphone beam forming array, USB-C hub, USB PD 140 Watt
Aspect Ratio	16:9
Native Resolution	5K 5120 x 2880 at 120 Hz
Brightness	2000 cd/m ²
Contrast Ratio	1000000:1
Colour Support	1 billion colours
Input Connectors	Thunderbolt 5
Audio Input	3-microphone array
Built-in Webcam	12 Megapixel
Display Position Adjustments	Height, tilt
Voltage	AC 100-240 V (50 - 60 Hz)
Dimensions (WxDxH) - with stand (highest position)	62.3 cm x 21.4 cm x 58.3 cm
Weight	8.5 kg
Environmental Standards	ENERGY STAR Qualified
Rare Earth Materials	100% recycled rare earth elements in all magnets
Manufacturer Warranty	1-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2472489
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Energy Class	Class G
Energy Class (HDR)	Class G
Diagonal Size	27"
Daisy Chaining	Yes

Built-in Devices	12 megapixel camera, 6 speakers with force-cancelling woofers, 3 microphone beam forming array, USB-C hub
USB Power Delivery	140 Watt
Aspect Ratio	16:9
Native Resolution	5K 5120 x 2880 at 120 Hz
Pixel Per Inch	218
Brightness	2000 cd/m ²
Contrast Ratio	1000000:1
Colour Support	1 billion colours
Backlight Technology	Mini-LED
Features	Retina XDR display, Extreme Dynamic Range (XDR), Mini LED Local Dimming (2304 zones), 1000 cd/m ² brightness (SDR), Adaptive-Sync technology, P3 Wide Color Gamut, Adobe RGB colour gamut, True Tone technology, landscape mode, Edge Lighting, standard glass, Dolby Atmos
Dimensions (WxDxH)	62.3 cm x 21.4 cm x 58.3 cm - with stand (highest position)
Weight	8.5 kg

Manufacturer Warranty

Service & Support	Limited warranty - 1 year †; Technical support - phone consulting - 90 days
-------------------	---

Miscellaneous

Features	Spatial Audio, PVC free
Cables Included	1 x Thunderbolt 5 Pro cable - 1 m

Power

Input Voltage	AC 100-240 V (50 - 60 Hz)
Power Consumption (On mode)	32.7 W
Power Consumption SDR (On mode)	33 kWh/1000h
Power Consumption HDR (On mode)	48 kWh/1000h
Power Consumption Stand by	0.5 Watt

Software / System Requirements

Included Software	Siri
OS Required	Apple macOS Tahoe 26.3.1 or later, Apple iPadOS 26.3.1 or later

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 90% (non-condensing)

Audio

Type	Speakers with subwoofer - stereo with subwoofer
------	---

Connectivity

Interfaces	Thunderbolt 5 upstream (power up to 140W) †; 2 x USB-C †; Thunderbolt 5 downstream (for daisy chain)
------------	--

Audio Input

Type	3-microphone array
Microphone Operation Mode	Beamforming

Dimensions & Weight

Dimensions & Weight Details *With stand (highest position) - width: 62.3 cm - depth: 21.4 cm - height: 58.3 cm - weight: 8.5 kg | With stand (lowest position) - width: 62.3 cm - depth: 21.4 cm - height: 47.8 cm - weight: 8.5 kg | Without stand - width: 62.3 cm - height: 36.2 cm*

Mechanical

<i>Display Position Adjustments</i>	<i>Height, tilt</i>
<i>Tilt Angle</i>	<i>-5/+25</i>
<i>Height Adjustment</i>	<i>105 mm</i>

Built-in Webcam

<i>Sensor Resolution</i>	<i>12 Megapixel</i>
<i>Features</i>	<i>Center Stage, deskview mode</i>

Sustainability Information

<i>ENERGY STAR Certified</i>	<i>Yes</i>
<i>Rare Earth Materials</i>	<i>100% recycled rare earth elements in all magnets</i>

**TD SYNnex is not responsible for errors in the documentation of products.*