

## Apple Studio Display XDR Nano-texture glass (MFEP4FD/A)

Apple Studio Display XDR Nano-texture glass - LED monitor - 27" - 5120 x 2880 5K @ 120 Hz - 2000 cd/m<sup>2</sup> - 1000000:1 - Thunderbolt 5 - speakers with subwoofer



## Main Specifications

|  |  |
|--|--|
| Product Description                                | Apple Studio Display XDR Nano-texture glass - LED monitor - 5K - 27" - HDR   |
| Device Type  | LED-backlit LCD monitor - 27"  |
| Energy Label QR Code URL                           | <a href="https://eprel.ec.europa.eu/qr/2472489">https://eprel.ec.europa.eu/qr/2472489</a>                                  |
| EU Data Act  | <a href="https://regulatoryinfo.apple.com/eudataact">https://regulatoryinfo.apple.com/eudataact</a>                        |
| 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 <sup>2</sup>   |
| 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 | <a href="https://eprel.ec.europa.eu/qr/2472489">https://eprel.ec.europa.eu/qr/2472489</a>           |
| EU Data Act              | <a href="https://regulatoryinfo.apple.com/eudataact">https://regulatoryinfo.apple.com/eudataact</a> |
| 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 <sup>2</sup>   |
| 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 <sup>2</sup> brightness (SDR), Adaptive-Sync technology, P3 Wide Color Gamut, Adobe RGB colour gamut, True Tone technology, landscape mode, Edge Lighting, nano-texture 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.*