MultiSync® EA272F

LCD 27" Enterprise Display

Datasheet

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Powering workspace communications

Powering your PC/notebook and all your devices through a single cable, the MultiSync® EA272F is your workspace hub; no docking station required, the 65W USB-C connection means an efficient, clutter-free workstation from which to manage your communications. Easily increase your display area using DisplayPort-out to daisy-chain multiple displays, no additional cabling required.

User comfort is fundamental with full height adjustment, tilt, pivot and swivel supporting customised personal setup, whilst built-in low blue light technologies guard against eye fatigue without compromising true-to-life colour performance. Available in black or white, the 27" EA272F complements office interior design and ergonomics.

The connectivity advantage continues beyond USB Type-C with DisplayPort, HDMI, VGA and USB A for fully future-proof flexibility supporting new open office standards in hot desking and 'bring your own device.'

Benefits

- **In-demand display size** – the popular 27.0" display with Full HD resolution is the perfect size for busy office workspaces.
- **Clutter-free workspace** – Powerful 65W USB Type-C connectivity manages video, audio, power and USB via a single cable

- **Future-proof flexibility** – wide connectivity provides high-level flexibility with DP, HDMI, USB Type C, USB A and audio output.
- **Easy multi-screen set-up** – Daisy-chain multiple display configurations through DisplayPort-out, no additional cables needed
- **Maximum attention to health and well-being** – the outstanding ergonomic height adjustment from 0 to 150 mm; eye pleasing built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor all combines to tailor the perfect individual setup to boost productivity.

Product Information
Product Name
MultiSync$^{®}$ EA272F
Product Group
LCD 27" Enterprise Display
Order Code
60005247 (WH), 60005033 (BK)
Display
Panel Technology
AH-IPS LCD with LED Backlight
Screen Size [inch/cm]
27 / 69
Screen Aspect Ratio
16:9
Colour Gamuts
102 % sRGB; 75.5% AdobeRGB, 72% NTSC
Pixel Pitch [mm]
0.311
Brightness (typ.) [cd/m²]
250
Contrast Ratio (typ.)
1000:1 (5000:1 dynamic contrast ratio)
Response Time (typ.) [ms]
6
Colours [Mio.]
16.777
Synchronisation Rate
Horizontal Frequency [kHz]
31.5 - 83
Vertical Frequency [Hz]
55 - 75
Resolution
Optimum Resolution
1920 x 1080 at 60 Hz
Supported
1920 x 1080; 1680 x 1050; 1440 x 900; 1280 x 1024; 1280 x 960; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400 (70 Hz); 640 x 480

Connectivity

Digital

1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C; USB ver. 3.1 (3 down / 1 up)

Analog

1 x VGA

Electrical

Power Consumption on Mode [W]

15 (Eco Mode 2); 21 (typ.)

Power Savings Mode [W]

3

Power Supply

0.85 A/0.45 A; 100-240 V; integrated power supply

Environmental Conditions

Operating Temperature [°C]

+5 to +35

Operating Humidity [%]

20 to 80

Storage Humidity [%]

10 to 85

Storage Temperature [°C]

-10 to 60

Ergonomics

Height adjustable stand [mm]

150 (Landscape mode)

Screen Tilt [°]

-5 to 35

Screen Swivel [°]

-170 to 170

Screen Rotate [°]

-90 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]

0.8 (left and right); 0.8 (top); 15.8 (bottom)

Dimensions (W x H x D) [mm]

359.8 x 628.4 - 651.6 x 250 (Portrait mode); 610.2 x 377.3 - 527.3 x 250 (Landscape mode)

Weight [kg]

With stand: 9.2

VESA Mounting [mm]

100 x 100

Additional Features

Special Characteristics

Ambient light sensor for optimized brightness levels; Auto Contrast; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM Simulation; EcoModes; ErgoDesign®: Height adjustable stand (150 mm)

with 90° Pivot features; Human Sensor; LED Backlight Technology; Quick release Stand and Handle; USB ver. 3.1 (3 down / 1 up); Versatile and easy installation (VESA standard) with NaViSet and NaViKey; Windows 10 compatible

Colour Versions

Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet

Cable Management

yes

Kensington security slot

yes

Plug and Play

DDC2B/2Bi; EDID Standard; VESA DDC/CI

Audio

Headphone Jack; Integrated Speakers (1 W + 1 W)

Adjust Functions

Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Factory Preset; Fine Adjust (analog); Human Sensing; Intelligent Power Management; Language Select; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB

Shipping Content

Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Set-up Manual; Setup Guide; USB Cable; USB-C Cable

Safety and Ergonomics

CE; EAC; EnergyStar 8.0; ErP; FCC Class B; Flicker-free; ISO 9241-307 (pixel failure class 2); ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA

Warranty

3 years warranty incl. backlight; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency

Ambient light sensor; Auto brightness; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: A+; Human sensor; LED backlight technology

Ecological Materials

Efficient mechanical design for minimised packaging; Minimal use of harmful material

Ecological Standards

ErP compliant; TCO 7.0; WEEE

LCD-CE

CE

LCD-ERP

ErP

LCD-FCCClassB

FCC Class B

LCD-RoHS

RoHS

LCD-TCOValue

TCO 8.0
LCD-TUEVErgonomics
TÜV Ergonomics
LCD-TUEVGS
TÜV GS
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