LCD 27" Enterprise Display

Sharp MultiSync® EA272F





Re-imagine your desktop computing experience

With the MultiSync EA Series, Sharp has developed monitor solutions that push the boundaries of what you've come to know as business-class screen performance. Redesigned for modern workplace requirements, the EA Series features an updated chassis, enhanced display technologies, and a range of connectivity options designed to support current and evolving productivity needs. All models utilise IPS LCD panels, which boast the best possible colour accuracy and minimal viewing angle shift.

Every model features LED backlights, enabling a thin and light design. Equipped with an automated ambient light sensor that adjusts screen luminance relative to room lighting and display content. Includes a user-configurable low-power display mode (ECO Mode™) and an on-screen energy usage tracking tool to assist in monitoring device power draw.

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.

Specifications

Product Information

Product Name
Sharp MultiSync® EA272F

Product Group
LCD 27" Enterprise Display

Order Code
DDEA272F (BK), DDEA272FW (WH)

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]
240

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

1024 x 768;	1440 x 900;	720 x 400 (70 Hz);
1280 x 1024;	1680 x 1050;	800 x 600
1280 x 720;	1920 x 1080;	
1280 x 960;	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 I); Low Blue Light; PSB; RoHS; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA

Warranty
3 years warranty incl. backlight; optional 1st to 3rd year 24/7 usage warranty; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency
Ambient light sensor; Auto brightness; Carbon footprint meter / Carbon savings meter; ECOMode; Energy consumption: 15 kWh/1000 h; Energy efficiency class: D; Human sensor; LED backlight technology

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

Ecological Standards
ErP compliant; WEEE

* EnergyStar 8.0

TÜV GS ErP RoHS TÜV Ergonomics CE FCC Class B

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