LCD 23.8" Enterprise Display

Sharp MultiSync® EA241F

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 23.8" display with Full HD resolution is the perfect size for busy office workspaces.

Best in form and function – future-ready design with 3-sided ultra-narrow bezel, available in black or white, complementing a fresh professional office interior.

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.

Auto-Adjust Power Consumption – to minimize unnecessary power usage, the Human and Ambient Light Sensors adjust the display brightness according to user presence and room lighting conditions.

Ease of multi-display control – manage the settings of up to 5 displays in a multi-monitor configuration via the master display with ControlSync® technology.

Specifications

Product Information

Product Name
Sharp MultiSync® EA241F

Product Group
LCD 23.8" Enterprise Display

Order Code
DDEA241F (BK), DDEA241FW (WH)

Display

Panel Technology
IPS TFT with W-LED backlight

Screen Size [inch/cm]
24 / 60.47

Screen Aspect Ratio
16:9

Colour Gamuts
101.6 % sRGB; 75.3% AdobeRGB, 72% NTSC

Pixel Pitch [mm]
0.275

Brightness (typ.) [cd/m²]
250

Contrast Ratio (typ.)
1000:1 (5000:1 dynamic contrast ratio)

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Response Time (typ.) [ms]
5 (grey-to-grey)

Colours [Mio.]
16.78 (6-bit per colour)

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 83

Vertical Frequency [Hz]
50 - 75

Resolution

Optimum Resolution
1920 x 1080 at 60 Hz

Supported

1024 x 768;	1440 x 900;	720 x 400;
1280 x 1024;	1680 x 1050;	720 x 480;
1280 x 720;	1920 x 1080;	720 x 576;
1280 x 960;	640 x 480;	800 x 600

Connectivity

Digital
1 x DisplayPort; 1 x DVI-D (with HDCP); 1 x HDMI; USB ver. 3.1 (3 down / 1 up)

Analog
1 x D-sub 15 pin

Electrical

Power Consumption on Mode [W]
11 (Eco Mode 2); 15 (shipping); 47 (max.)

Power Savings Mode [W]
0.31

Power Supply
0.9 A/0.5 A; 100-240 V; internal 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 [°]
0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]
0.8 (left/right/top); 15.8 (bottom)

Dimensions (W x H x D) [mm]
319.1 x 555.6 - 615.4 x 250 (Portrait mode); 537.7 x 336.6 - 486.6 x 250 (Landscape mode)

Weight [kg]
With stand: 6.1; Without stand: 3.6

VESA Mounting [mm]
100 x 100 (4 points)

Additional Features

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

Cable Management
yes

Plug and Play
DDC2B/2Bi; VESA DDC/CI; VESA DDC2Bi

Audio
Integrated Speakers (1 W + 1 W)

Adjust Functions
Advanced NTAA (Advanced Non-Touch-Auto-Adjustment)

Shipping Content
Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Set-up Manual; USB Cable

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

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; Energy consumption: 11 kWh/1000 h; Energy efficiency class: C; Human sensor

Ecological Standards
Energy Star 8.0; ErP compliant; RoHS compliant; TCO 8.0; WEEE

* EnergyStar 8.0

* TCO 8.0

TÜV Ergonomics | RoHS | ErP | CE | TCO 8.0 | TÜV GS

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