LCD 24" Enterprise Display

Sharp MultiSync® EA242W





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

Improve your Productivity – with embedded LAN and USB-C, this display serves as a docking hub in your Personal Workspace.

Future-proof flexibility – wide connectivity provides high-level flexibility with LAN, DP, HDMI, USB Type C, USB A and audio output.

Clutter-free workspace – Powerful 65W USB Type-C connectivity manages video, audio, power and USB via a single cable

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® EA242W

Product Group
LCD 24" Enterprise Display

Order Code
DDEA242W (BK), DDEA242WW (WH)

Display

Panel Technology
IPS TFT with W-LED backlight

Screen Size [inch/cm]
24 / 61

Screen Aspect Ratio
16:10

Pixel Pitch [mm]
0.270

Brightness (typ.) [cd/m²]
300

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]
6

Colours [Mio.]
16.77

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 77

Vertical Frequency [Hz]
50 - 60

Resolution

Optimum Resolution
1920 x 1200 at 60 Hz

Supported

1024 x 768;	1360 x 768;	1680 x 1050;
1280 x 1024;	1366 x 768;	1920 x 1080;
1280 x 720;	1400 x 1050;	1920 x 1200;
1280 x 768;	1440 x 900;	640 x 480;
1280 x 960;	1600 x 1200;	800 x 600

Connectivity

Digital
1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C (65 W); USB ver. 3.1 (2 down / 1 up)

Output Control
1x LAN/RJ45

Electrical

Power Consumption on Mode [W]
12 (Eco Mode 2); 21 (typ.)

Power Savings Mode [W]
0.3

Power Supply
internal power supply

Environmental Conditions

Operating Temperature [°C]
+5 to +35

Operating Humidity [%]
20 to 80

Ergonomics

Height adjustable stand [mm]
150

Screen Tilt / Swivel [°]
-5 to +35; -170 to +170

Screen Rotate [°]
-90 to 90 (landscape to portrait mode)

Mechanical

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

Dimensions (W x H x D) [mm]
531.5 x 365.3 - 515.3 x 250 (Landscape mode)

Weight [kg]
6.7

VESA Mounting [mm]
100 x 100

Additional Features

Special Characteristics
Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; Customize Setting; DICOM preset; DICOM simulation; EcoModes; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; sRGB Support; Touch Sensor Keys; USB ver. 3.1 (2 down / 1 up)

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

Cable Management
yes

Kensington security slot
yes

Plug and Play
VESA DDC2B; VESA DDCi

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; Fine Adjust (analog); Human Sensing; Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB

Shipping Content
Monitor; Power Cable; Setup Guide; USB-C Cable

Safety and Ergonomics
CE; EnergyStar 8.0; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light

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: 13 kWh/1000 h; Energy efficiency class: D; Human sensor; Intelligent power management

Ecological Materials
Downloadable manuals

* EnergyStar 8.0

CE

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