

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. The EA Series deliver a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits. 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. Other green features include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both.

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; TCO 9.0
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
Ecological Standards
Energy Star 8.0; TCO 9.0

* EnergyStar 8.0
* TCO 9.0

