

Sharp MultiSync® EA242W LCD 24" Enterprise Display

Datasheet



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.

Product Information

Product Name	Sharp MultiSync® EA242W
Product Group	LCD 24" Enterprise Display
Order Code	60006214 (BK), 60006219 (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; 1280 x 1024; 1280 x 720; 1280 x 768;	1280 x 960; 1360 x 768; 1366 x 768; 1400 x 1050;	1440 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080;	1920 x 1200; 640 x 480; 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
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Environmental Conditions

Operating Temperature [°C]	+5 to +35
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Operating Humidity [%]	20 to 80
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Ergonomics

Height adjustable stand [mm]	150
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Screen Tilt / Swivel [°]	-5 to +35; -170 to +170
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Screen Rotate [°]	-90 to 90 (landscape to portrait mode)
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Mechanical

Bezel Width [mm]	0.8 (left/right/top)
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Dimensions (W x H x D) [mm]	531.5 x 365.3 - 515.3 x 250 (Landscape mode)
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Weight [kg]	6.7
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VESA Mounting [mm]	100 x 100
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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)
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Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
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Cable Management	yes
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Kensington security slot	yes
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Plug and Play	VESA DDC2B; VESA DDCi
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Audio	Headphone Jack; Integrated Speakers (1 W + 1 W)
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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
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Shipping Content	Monitor; Power Cable; Setup Guide; USB-C Cable
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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



CE



TCO 9.0

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