

Sharp MultiSync® EA271F LCD 27" 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

Ergonomic Office – full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual workspace set-up.

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.

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.

Maximise image quality with Uniformity Control – benefit from perfect uniformity across multi-

screen setups with just one click in the display's on-screen menu.

Protecting your eyes from strain and damage - Built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.

Product Information

| | |
|---------------|------------------------------|
| Product Name | Sharp MultiSync® EA271F |
| Product Group | LCD 27" Enterprise Display |
| Order Code | 60006208 (BK), 60006209 (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/ m ²] | 250 |
| 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] | 56 - 75 |

Resolution

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|--------------------|--|--|----------------------------|------------------------------------|
| Optimum Resolution | 1920 x 1080 at 60 Hz | | | |
| Supported | 1024 x 768; 1280 x 1024; 1280 x 720; | 1280 x 960; 1440 x 900; 1680 x 1050; | 1920 x 1080; 640 x 480; | 720 x 400 (70 Hz); 800 x 600 |

Connectivity

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|---------|--|
| Digital | 1 x DisplayPort; 1 x DVI-D; 1 x HDMI; USB ver. 3.1 (3 down / 1 up) |
| Analog | 1 x VGA |

Electrical

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|----------------------------------|--|
| Power Consumption on Mode [W] | 12 (Eco Mode 2); 17 (Eco Mode); 17 (typ.); 45 (max.) |
| Power Savings Mode [W] | < 0.5 |
| Power Supply | 0.85 A/0.45 A; 100-240 V; integrated power supply |

Environmental Conditions

Operating Temperature +5 to +35
[°C]

Operating Humidity [%] 20 to 80

Storage Humidity [%] 10 to 85

Storage Temperature -10 to 60
[°C]

Ergonomics

Height adjustable stand 150 (Landscape mode)
[mm]

Screen Tilt [°] -5 to 35

Screen Swivel [°] -170 to Value

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

Mechanical

Bezel Width [mm] 1 (left and right); 1 (top)

Dimensions (W x H x D) 359.8 x 628.4 - 652.6 x 250 (Portrait mode); 610.2 x 377.3 - 527.3 x 250
[mm] (Landscape mode)

Weight [kg] With stand: 7.6; Without stand: 5

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 |
| 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; TCO 8.0; 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 |
| Optional Accessories | MDSVSENSOR Value |

Green Features

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|----------------------|--|
| Energy Efficiency | Ambient light sensor; Auto brightness; Carbon footprint meter / Carbon savings meter; ECOMode; Energy consumption: 11 kWh/1000 h; Energy efficiency class: C; Human sensor; LED backlight technology |
| Ecological Materials | Efficient mechanical design for minimised packaging; Minimal use of harmful material |
| Ecological Standards | Energy Star 8.0; ErP compliant; TCO 8.0; WEEE |

* EnergyStar 8.0

* TCO 8.0



ErP



TÜV Ergonomics



RoHS



FCC Class B



CE



TCO 8.0



TÜV GS

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