

Desktop Display - Enterprise

Sharp MultiSync® EA242F



Re-imagine your desktop computing experience

- In-demand display size the popular 23.8" display with Full HD resolution is the perfect size for busy office workspaces.
- Future-proof flexibility wide connectivity provides high-level flexibility with 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.

Options

IoT and Asset Management

NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices

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Warranty Extensions

Warranty Extension for Desktop Displays Optional Warranty Extension (4th to 5th year) for dedicated Sharp Desktop Displays

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Sensors

MDSV-SENSOR 3 Standalone colorimeter for accurate brightness and colour measurement of desktop monitors

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Value Added Services

Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products

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Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

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24/7 Usage for Desktop Displays Optional 24/7 Usage (1st to 3rd year) for dedicated Sharp Desktop Displays

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Mounting Options

Wall Mount PDW T XS Universal X-Small wall mount for dedicated Sharp/NEC displays (18" to 32")

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Calibration and Adjustment

SpectraView II Highly accurate, reliable, repeatable and feature-rich solution for display calibration and profiling

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Specifications

General

Series	[desktop-sharp-ea-series]
Order Code	DDEA242F (BK),DDEA242FW (WH)

Display

Brightness (cd/m ²)	250
Contrast Ratio	1000:1 (5000:1 dynamic contrast ratio)
Panel Technology	IPS TFT with W-LED backlight
Response Time Grey-to-grey (ms)	5
Aspect Ratio	16:9
Screen Size (inch)	24
Screen Size (cm)	60.47
Viewing Angle (H / V)	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

Resolution Optimum	1920 x 1080 at 60 Hz
Supported Resolutions	1440 x 900, 720 x 480, 1280 x 960, 800 x 600, 1680 x 1050, 1920 x 1080, 720 x 400, 1280 x 720, 640 x 480, 1280 x 1024, 1024 x 768, 720 x 576

Synchronisation Rate

Horizontal Frequency (kHz)	31.5 - 83.0
Vertical Frequency (Hz)	50.0 - 75.0

Connectivity

Connectors Digital	1 x DisplayPort out, 1 x HDMI, [usb-ver-31-3-down-1-up], 1 x DisplayPort, 1 x USB Type C
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Electrical

Power Consumption Eco Mode 2 (W)	15
Power Consumption Typ. (W)	21
Power Savings Mode (W)	0.3
Power Supply (A)	0.9 A/0.5 A
Power Supply (V)	100-240 V
Power Supply Type	internal power supply

Mechanical

Bezel Width Bottom (mm)	15.8
Bezel Width Left (mm)	0.8
Bezel Width Right (mm)	0.8
Bezel Width Top (mm)	0.8
Dimensions Landscape Mode (W x H) (mm)	537.7 x 336.6 - 486.6 x 250.0 (Landscape mode)
Dimensions Portrait Mode (W x H) (mm)	319.1 x 555.6 - 615.4 x 250.0 (Portrait mode)
VESA Mounting (mm)	100 x 100
VESA Mounting Points	4
Weight With Stand (kg)	7

Environmental Conditions

Operating Humidity (%)	20 to 80
Operating Temperature (°C)	5 to 35
Storage Humidity (%)	10 - 85
Storage Temperature (°C)	-10 to 60

Ergonomics

Height Adjustable Stand (mm)	150 (Landscape mode)
Screen Rotate (°)	0 - 90
Screen Tilt (°)	-5 - 35

Green Features

Ecological Standards	WEEE, ErP compliant, RoHS compliant
Energy Efficiency	Ambient light sensor, Energy efficiency class: D, Energy consumption: 13 kWh/1000 h, Human sensor

Additional Features

Adjust Functions	Advanced NTAA (Advanced Non-Touch-Auto-Adjustment)
Audio Functions	Integrated Speakers (1 W + 1 W)
Cable Management	Yes
Colour Versions	Black Front Bezel, Black Back Cabinet
Kensington Security Slot	Yes
Plug & Play	VESA DDC/CI, DDC2B/2Bi, VESA DDC2Bi
Safety and Ergonomics	RoHS, TÜV GS, ISO 9241-307 (pixel failure class I), UL/C-UL or CSA, Flicker-free, WEEE, ErP, EnergyStar 8.0, TCO 8.0, EAC, TÜV Ergonomics, PSB
Shipping Content	Power Cable, DisplayPort Cable, USB-C Cable, USB cable, Control Sync Cable, Setup Manual
Warranty	3 years warranty incl. backlight, Optional 1st to 3rd year 24/7 usage warranty, Optional 4th to 5th year warranty extension

