

Desktop Display - Enterprise

Sharp MultiSync® EA241W



Re-imagine your desktop computing experience

- Ergonomic Office full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual workspace set-up.
- Auto-Adjust Power Consumption to minimize unnecessary power usage, the Human and Ambient Light Sensors adjust the display brightness according to user presence and room lighting conditions.
- 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.
- 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.
- Business Class Image Quality Advanced High-Performance IPS (AH-IPS) panel provides the very best viewing angles as well as noticeably better colour reproduction.

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")

Universal X-Small wall mount for dedicated Sharp/NEC displays (18" to 32").

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	DDEA241W (BK),DDEA241WW (WH)

Display

Brightness (cd/m ²)	300
Colours (Mio.)	16.77
Contrast Ratio	1000:1 (5000:1 dynamic contrast ratio)
Panel Technology	IPS TFT with W-LED backlight
Response Time (ms)	5
Aspect Ratio	16:10
Screen Size (inch)	24
Screen Size (cm)	61
Viewing Angle (H / V)	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

Resolution Optimum	1920 x 1200 at 60 Hz
Supported Resolutions	1280 x 1024, 1024 x 768 , 1366 x 768, 1440 x 900, 1920 x 1200, 640 x 480, 1600 x 1200, 800 x 600, 1400 x 1050, 1280 x 960, 1680 x 1050

Synchronisation Rate

Horizontal Frequency (kHz)	31.5 - 95.0
Vertical Frequency (Hz)	56.0 - 75.0

Connectivity

Connectors Digital	1 x HDMI, 1 x DisplayPort, [usb-ver-30-3-down-1-up]
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Electrical

Power Consumption Eco Mode 2 (W)	15
Power Consumption Max (W)	47
Power Consumption Typ. (W)	20
Power Savings Mode (W)	0.3
Power Supply Type	internal power supply

Mechanical

Bezel Width Left (mm)	0.8
Bezel Width Right (mm)	0.8
Bezel Width Top (mm)	0.8
Width With Stand W (mm)	531.5
Height With Stand W (mm)	515.4
Depth With Stand W (mm)	250
VESA Mounting (mm)	100 x 100
Weight (kg)	6.7

Environmental Conditions

Operating Humidity (%)	20 to 80
Operating Temperature (°C)	5 to 35

Ergonomics

Height Adjustable Stand (mm)	150
Screen Rotate (°)	-90 - 90
Screen Swivel (°)	-170 - +170

Green Features

Ecological Materials	Downloadable manuals
Ecological Standards	TCO 8.0, Energy Star 8.0
Energy Efficiency	ECOMode, Energy consumption: 12 kWh/1000 h, Intelligent Power Management, Human sensor, Energy efficiency class: C, Ambient light sensor

Additional Features

Adjust Functions	DV Mode, Control Sync, Contrast, LED Brightness, Intelligent Power Management, Human Sensing, Fine Adjust (analog), One Touch Recovery, Monitor Information, On-Screen-Display (OSD) lock-out, Language Select, Colour Temperature Control, Brightness, Auto Adjust, NTAA (Non-Touch-Auto-Adjustment), sRGB, Audio Volume / Lock-Out, Power-Off Timer
Audio Functions	Headphone Jack, Integrated Speakers (1 W + 1 W)
Cable Management	Yes
Colour Versions	White Front Bezel, White Back Cabinet, Black Front Bezel, Black Back Cabinet
Kensington Security Slot	Yes
Plug & Play	VESA DDCi, VESA DDC2B
Safety and Ergonomics	RoHS, EnergyStar 8.0, WEEE, TÜV Ergonomics, PSB, TCO 8.0, UL/C-UL or CSA, Flicker-free, ErP, TÜV GS, EAC, ISO 9241-307 (pixel failure class I)
Shipping Content	USB cable, Power Cable, DisplayPort Cable, Control Sync Cable, Setup Guide
Special Characteristics	EcoModes, DICOM preset, Carbon Footprint Meter, Customize Setting, LED Backlight Technology, Touch Sensor Keys, Quick release Stand and Handle, NaViSet Administrator 2, sRGB Support
Warranty	3 years warranty incl. backlight, Optional 1st to 3rd year 24/7 usage warranty, Optional 4th to 5th year warranty extension

