Desktop Display - Enterprise

Sharp MultiSync® EA272U



Sharp MultiSync® EA272U – maximum screen estate, minimum cable clutter

- Improve your productivity enhance your personal workspace with embedded LAN, whereby the display becomes a Docking Hub, eliminating the need for additional hardware and reducing eWaste.
- Frictionless workflows with USB-C connectivity only a single cable is needed to connect your notebook to the display receiving power in return, ideal for hot desking and BYOD scenarios.
- Usage-Based Power Adjustments when the built-in Human Presence and Ambient Light Sensors are active, the monitor dynamically modifies luminance based on room light and user proximity. Compared to standard operating mode at 100% factory luminance, power draw is reduced by up to 30% depending on ambient lighting levels and user absence duration.
- Ergonomic comfort with full 150 mm height adjustability the user can easily adjust the display to achieve the best possible individual set up.
- Detail rich visualisation at 3840 x 2160 pixels, the Ultra HD resolution displays content in crisp detail offering 4 times the pixel density of Full HD.

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").

Specifications

General

Series	[desktop-sharp-ea-series]
Order Code	L50DD-EA272UB (BK),L50DD-EA272UW (WH)

Display

Brightness (cd/m²)	350
Colours (Mio.)	1064.64332261
Contrast Ratio	1000:1 (12000:1 dynamic contrast ratio)
Panel Technology	IPS TFT with W-LED backlight
Response Time (ms)	5
Aspect Ratio	16:9
Screen Size (inch)	27
Screen Size (cm)	68
Viewing Angle (H / V)	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

Resolution Optimum	3840 x 2160 at 60 Hz
Supported Resolutions	3840 x 2160, 640 x 480, 1600 x 1200, 1920 x 1080, 2560 x 1440, 1280 x 1024, 1024 x 768 , 832 x 624, 1152 x 864, 800 x 600, 1920 x 1440

Synchronisation Rate

Horizontal Frequency (kHz)	31.5 - 135.0
Vertical Frequency (Hz)	30.0 - 75.0

Connectivity

Connectors Digital	[usb-ver-31-3-down-1-up], 1 x DisplayPort, 1 x HDMI, 1 x USB Type C (90 W), 1 x DisplayPort out
Output / Control	1 x LAN/RJ45

Electrical

Power Consumption Eco Mode 2 (W)	20
Power Consumption Typ. (W)	31
Power Savings Mode (W)	0.5
Power Supply (A)	1.8 A/0.8 A
Power Supply (V)	100-240 V
Power Supply Type	internal power supply

Mechanical

Bezel Width Left (mm)	1
Bezel Width Right (mm)	1
Bezel Width Top (mm)	1
Dimensions Landscape Mode (W x H) (mm)	611.8 x 378.0 - 528.0 x 250.0 (Landscape mode)
VESA Mounting (mm)	100 x 100
Weight With Stand (kg)	9.2
Weight Without Stand (kg)	5.8

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 (°)	-90 - 90
Screen Swivel (°)	-170 - +170
Screen Tilt (°)	-5 - 35

Green Features

Ecological Materials	Minimal use of harmful material
Ecological Standards	Energy Star 8.0, ErP compliant, RoHS compliant, TCO 9.0
Energy Efficiency	Ambient light sensor, Carbon Footprint Meter / Carbon Savings Meter, ECOMode, Human sensor, LED backlight technology, Energy efficiency class: C, Energy consumption: 14 kWh/1000 h

Additional Features

Adjust Functions	Intelligent Power Management, sRGB, DV Mode, Human Sensing
Audio Functions	1W + 1W (De-activateable), Headphone Jack
Cable Management	Yes
Colour Versions	Black Front Bezel, Black Back Cabinet, White Front Bezel, White Back Cabinet
Kensington Security Slot	Yes
Plug & Play	EDID Standard, VESA DDC2Bi, VESA DDCi
Safety and Ergonomics	EAC, TÜV GS, ErP, Flicker-free, UL/C-UL or CSA, RoHS, ISO 9241-307 (pixel failure class I), TÜV Ergonomics, PSB, TCO 9.0, TCO Edge 2, EnergyStar 8.0
Shipping Content	Power Cable, Setup Manual, USB-C Cable, Display
Special Characteristics	Quick release Stand and Handle, Customize Setting, DDC/CI compatible, DICOM Simulation, ErgoDesign®: Height adjustable stand (150 mm) with 90° Pivot features, EcoModes, LED Backlight Technology
Warranty	Optional 4th to 5th year warranty extension, 3 years warranty incl. backlight, Optional 1st to 3rd year 24/7 usage warranty

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