SHARP / NEC

Sharp MultiSync® EA272Q

LCD 27" Enterprise Display

Datasheet





Sharp MultiSync® EA272Q – maximum screen estate, minimum cable clutter

For detail-rich applications, the high pixel density QuadHD resolution coupled with 27-inch active screen area results in an expansive digital canvas for the most productive personal workspaces. Extend your visual command even further with a near uninterrupted multi-screen configuration with ultra-narrow bezel and DisplayPort OUT daisy-chain.

Featuring powerful 90W USB Type-C connectivity and embedded LAN, the EA272Q becomes a fully functioning Docking Hub solution. With just a single cable to connect notebook/PC to the display whilst powering your device, workspace remains clear of cable clutter and e-waste is minimised. The display’s sustainable functionality continues, achieving energy savings of up to 30% by enabling sensor technology to automatically reduce brightness or power down as appropriate to usage scenarios.

Prioritising user wellbeing, the 150mm height adjustable stand and ergonomic features are easily adjusted to suit individual user requirements whilst low-blue light and flicker-free technologies ensure eye-pleasing comfort and protection.

Benefits

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.

Energy efficiency – reduce your energy consumption by up to 30% by enabling the built-in Human and Ambient Light Sensors ensuring the display is only powered up according to usage conditions.

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 2560 x 1440 pixels, the Quad HD resolution displays content in crisp detail offering 1.75 times the pixel density of Full HD.

Product Information

Product Name	Sharp MultiSync® EA272Q
Product Group	LCD 27" Enterprise Display
Order Code	60005917 (BK), 60006080 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	27 / 68
Screen Aspect Ratio	16:9
Colour Gamuts	100 % sRGB; 77 % NTSC
Pixel Pitch [mm]	0.233
Brightness (typ.) [cd/m²]	350
Contrast Ratio (typ.)	1000:1 (7000:1 dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.78

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 94
Vertical Frequency [Hz]	56 - 75

Resolution

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

Connectivity

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C (90 W); USB ver. 3.2 (2 down / 2 up)
Output Control	1x LAN/RJ45

Electrical

Power Consumption on Mode [W]	17 (Eco Mode 2); 27 (typ.)

Power Savings Mode [W]	0.5
Power Supply	0.8 A/1.8 A; 100-240 V; internal power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	-10 to 60

Ergonomics

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

Mechanical

Bezel Width [mm]	1 (left/right/top)
Dimensions (W x H x D) [mm]	611.8 x 378 - 528 x 250 (Landscape mode)
Weight [kg]	With stand: 9.2; Without stand: 5.8
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DisplayPort; EcoModes; ErgoDesign®: Height adjustable stand (150 mm) with 90° Pivot features; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; TileMatrix; Touch Sensor Keys; USB ver. 3.2 (2 down / 2 up); Versatile and easy installation (VESA standard) with NaViSet and NaViKey
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

Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Human Sensing; Intelligent Power Management; Language Select; Monitor Information; On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer
Shipping Content	Display; Power Cable; Setup Guide; USB-C Cable
Safety and Ergonomics	CE; EAC; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 9.0; TCO Edge 2.0; 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

Green Features

Energy Efficiency	Ambient light sensor; ECOMode; Energy consumption: 13 kWh/1000 h; Energy efficiency class: C; Human sensor
Ecological Materials	Minimal use of harmful material
Ecological Standards	Energy Star 8.0; ErP compliant; RoHS compliant; TCO 9.0; TCO Edge

* TCO Edge 2.0

* TCO 9.0

TÜV Ergonomics

TCO 9.0

ErP

RoHS

TÜV GS

CE

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