

Desktop Display

Multisync EA272U



- 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.
- 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.
- Detail rich visualisation – at 3840 x 2160 pixels, the Quad HD resolution displays content in crisp detail offering 1.75 times the pixel density of Full HD.
- 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.
- Ergonomic comfort – with full 150 mm height adjustability the user can easily adjust the display to achieve the best possible individual set up.

Specifications

DISPLAY

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	27 / 68
Pixel Pitch [mm]	0.155
Brightness (typ.) [cd/m²]	400
Contrast Ratio (typ.)	1000:1 (12000:1 dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	1064.64332261
Screen Aspect Ratio	16:9
Colour Gamuts	110 % sRGB; 81.6% AdobeRGB, 78% NTSC

RESOLUTION

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

Power Consumption on Mode [W]	20 (Eco Mode 2); 31 (typ.)
Power Savings Mode [W]	0.5
Power Supply	1.8 A / 0.8 A; 100-240 V; integrated power supply

ERGONOMICS

Screen Tilt [°]	-5 to 35
Height adjustable stand [mm]	150
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

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 135
Vertical Frequency [Hz]	30 - 75

CONNECTIVITY

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C; 1 x USB Type C (90 W); USB ver. 3.1 (3 down / 1 up)
Output Control	1x LAN / RJ45

ENVIRONMENTAL CONDITIONS

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

ADDITIONAL FEATURES

Special Characteristics	Advanced NTAA; Ambient light sensor for optimized brightness levels; ControlSync®; Customize Setting; DDC / CI compatible; DICOM simulation; EcoModes; ErgoDesign®: Height adjustable stand (150 mm) with 90° Pivot features; Human Sensor; LED Backlight Technology; Quick release Stand and Handle; Versatile and easy installation (VESA standard) with NaViSet and NaViKey Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Colour Versions	• •
Cable Management	•
Kensington security slot	•
Plug and Play	EDID Standard; VESA DDC2Bi; VESA DDCi
Audio	1W + 1W (De-activateable); Headphone Jack
Adjust Functions	DV Mode; EcoMode; Human Sensing; Intelligent Power Management; sRGB
Shipping Content	Display; Power Cable; Set-up Manual; USB-C Cable
Safety and Ergonomics	CE; EAC; EnergyStar 8.0; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 9.0; TCO Edge 2; 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; Carbon Footprint Meter / Carbon Savings Meter; EcoMode; Energy consumption: 14 kWh / 1000 h; Energy efficiency class: C; Human sensor; LED backlight technology
Ecological Standards	Energy Star 8.0; ErP compliant; RoHS compliant; TCO 9.0
Ecological Materials	Minimal use of harmful material