

NEC MultiSync EA271U



- Newest USB Type-C connectivity standard – optimize connectivity and replace video, audio, power and USB cabling with just a single cable to connect your notebook/tablet PC with the display.
- 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.
- Ease of multi-display control – manage the settings of up to 8 displays in a multi-monitor configuration via the master display with ControlSync® technology.
- Maximum attention to health and well-being – with outstanding ergonomic height adjustment from 0 to 150 mm; built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor.
- 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.

Specifications

DISPLAY

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|---|---|
| Panel Technology | IPS TFT with W-LED backlight |
| Screen Size [inch/cm] | 27 / 68 |
| Pixel Pitch [mm] | 0.155 |
| Brightness (typ.) [cd/m²] | 350 |
| Contrast Ratio (typ.) | 1300:1 (9000:1 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

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|-------------------------------------|---|
| 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 |
|-------------------------------------|---|

ELECTRICAL

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| Power Consumption on Mode [W] | 150 (max.); 30 (Eco Mode 1); 38 (Eco Mode 2); 38 (shipping) |
| Power Savings Mode [W] Power Supply | 0.33 1.6 A / 0.75 A; 100-240 V; integrated power supply |

ERGONOMICS

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

MECHANICAL

| | |
|------------------------------------|---|
| Bezel Width [mm] | 1 (left and right); 1 (top) |
| Dimensions (W x H x D) [mm] | 361.9 x 628.6 - 652.1 x 250 (Portrait mode); 611.8 x 378 - 528 x 250 (Landscape mode) |
| Weight [kg] | 9.5 |
| VESA Mounting [mm] | 100 x 100 |

SYNCHRONISATION RATE

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

CONNECTIVITY

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| Digital | 1 x DisplayPort; 1 x USB Type C (60 W); 2 x HDMI; USB ver. 3.1 (3 down / 1 up) |
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ENVIRONMENTAL CONDITIONS

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

ADDITIONAL FEATURES

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| 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; Picture-by-Picture; 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 | • • EDID Standard; VESA DDC2Bi; VESA DDCi 1W + 1W (De-activateable); Headphone Jack |
| Cable Management Kensington security slot Plug and Play | DV Mode; EcoMode; Human Sensing; Intelligent Power Management; sRGB |
| Audio | Control Sync Cable; Display; DisplayPort cable; Power Cable; Set-up Manual; USB Cable |
| Adjust Functions | CE; EAC; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TÜV Ergonomics; TÜV GS; UL / C-UL or CSA |
| Shipping Content | 3 years warranty incl. backlight; optional 1st to 3rd year 24 / 7 usage warranty; optional 4th to 5th year warranty extension |
| Safety and Ergonomics | Ambient light sensor; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy consumption: 22 kWh / 1000 h; Energy efficiency class: F; Human sensor; LED backlight technology |
| Warranty | Minimal use of harmful material Energy Star 8.0; ErP compliant; RoHS compliant; TCO 8.0 |

GREEN FEATURES

| | |
|--|---|
| Energy Efficiency | Ambient light sensor; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy consumption: 22 kWh / 1000 h; Energy efficiency class: F; Human sensor; LED backlight technology |
| Ecological Standards Ecological Materials | Minimal use of harmful material Energy Star 8.0; ErP compliant; RoHS compliant; TCO 8.0 |



4KUHD

