

MultiSync® EA294WMi NEC LCD 29" Commercial Display

Datasheet



The NEC MultiSync® EA294WMi features an extremely thin 29" 21:9 IPS LED backlight panel with a resolution of 2560 x 1080 which results in an ultra-modern and slim design. Due to the new format which complies with a dual screen set up of two 19" conventional screens it is an excellent alternative for any multiple screen set up. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. The new Control Sync Feature enables multimonitor adjustment synchronization and the MHL (Mobile High Definition Link) offers direct connectivity of the monitor with your smart phone.

Ideal for the corporate office that demands style and future proof technology.

Benefits

Ergonomic Office full height adjustability (130 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Green Product Concept - Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

Ultra-modern and slim design - the product design is discreet and puts priority on the screen image and function.

Ambient Light Sensor - with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

Easy Control - of up to six displays in a multi-monitor configuration with ControlSync® technology.

Human Sensor - detects the presence of a person in front of the screen; display switches on/off automatically depending on the presence of the user.

DICOM Simulation - for straightforward radiological review applications.

Cost Saving Device Management save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

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|---------------|--------------------------------|
| Product Name | MultiSync® EA294WMI |
| Product Group | NEC LCD 29" Commercial Display |
| Order Code | 60003417 (BK), 60003415 (WH) |

Display

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|--|---|
| Panel Technology | IPS TFT with W-LED backlight |
| Screen Size [inch/cm] | 29 / 73 |
| Screen Aspect Ratio | 21:9 |
| Brightness (typ.) [cd/m ²] | 300 |
| Contrast Ratio (typ.) | 1000:1 (25000:1 dynamic contrast ratio) |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Response Time (typ.) [ms] | 6 |
| Colours [Mio.] | 16.77 |

Synchronisation Rate

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|----------------------------|-----------|
| Horizontal Frequency [kHz] | 31.5 - 83 |
| Vertical Frequency [Hz] | 56 - 75 |

Resolution

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|--------------------|--|
| Optimum Resolution | 2560 x 1080 at 60 Hz |
| Supported | 2560 x 1080; 1920 x 1080; 1600 x 1200; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1080; 1280 x 1024; 1280 x 960; 1280 x 768; 1152 x 864; 1024 x 768; 800 x 600; 640 x 480 |

Connectivity

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|---------|--|
| Digital | 1 x DisplayPort; 1 x DVI-D (Single Link); 1 x HDMI/MHL; 1x DVI-D (Dual Link); USB ver. 2.0 (4 down / 1 up) |
| Analog | 2 x VGA |

Electrical

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|-------------------------------|---|
| Power Consumption on Mode [W] | 28 (Eco Mode); 42 (typ.); 50 (max.) |
| Power Savings Mode [W] | < 0.4 |
| Power Supply | 1 A/0.5 A; 100-120 V/220-240 V; integrated power supply |

Environmental Conditions

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

Ergonomics

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|------------------------------|--------------------------------------|
| Height adjustable Stand [mm] | 130 |
| Screen Tilt / Swivel [°] | -5 to +30; -170 to +170 |
| Screen Rotate [°] | 0 to 90 (landscape to portrait mode) |

Mechanical

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|-----------------------------|--|
| Bezel Width [mm] | 15.5 (left and right); 18 (top and bottom) |
| Dimensions (W x H x D) [mm] | 705.8 x 410.4 x 230; Without stand: 705.8 x 321.8 x 69.1 |
| Weight [kg] | 9.6 |
| VESA Mounting [mm] | 100 x 100 |

Additional Features

| | |
|--------------------------|---|
| Special Characteristics | Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Cost Meter; DICOM Simulation; ErgoDesign®; Height adjustable stand (130 mm), swivel (170°), and portrait (90°); Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Picture-by-Picture; sRGB Support; USB ver. 2.0 (4 down / 1 up); Windows 8 compatible |
| 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 | 1W + 1W (De-activateable) |
| Adjust Functions | Audio Volume / Lock-Out; Auto Adjust; Auto Brightness; Colour Temperature Control; Contrast; DV Mode; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; Power-Off Timer; sRGB |
| Shipping Content | Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable |
| Safety and Ergonomics | CCC; CE; Energy Star 5.0; ErP; FCC Class B; GEEA/Energy Label; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCT/Gost; RoHS; TCO 6.0; TCO Certified Edge Displays 1.2.; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA |
| Warranty | 3 years warranty incl. backlight; optional 4th to 5th year warranty extension |

Green Features

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|----------------------|--|
| Energy Efficiency | Ambient light sensor; Annual energy consumption: 61 kWh (based on 4 operating hours per day); Energy efficiency class: C; Human sensor; Intelligent Power Management |
| Ecological Materials | Downloadable manuals |
| Ecological Standards | Energy Star 5.0; TCO 6.0; TCO edge |



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