NEC MultiSync® EA304WMi

NEC LCD 30" Desktop Display

The NEC MultiSync® EA304WMi features an extremely thin 30" AH-IPS LED backlight panel with a resolution of 2560x1600 which results in an ultra-modern and slim design. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. The ergonomic performance of this display is further enhanced by the excellent AH-IPS image quality. Finally, the display offers future-proof connectivity with four inputs: DisplayPort, DVI-D (Dual Link), HDMI and D-Sub.

DELIVERING GENUINE BENEFITS

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

Ergonomic Office - full height adjustability (130 mm) and tilt functionality ensure perfect individual ergonomic set-up.

Feature Set for Perfect Office Use - Integrated Speakers, headphone jack and USB Hub provide excellent options for office communication.

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

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.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.

OUTSTANDING PERFORMANCE

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

- **Ambient Light and Human Sensors.** The new sensor technologies provide a perfect image with minimum power consumption.

- **Improved ergonomics.** The ergonomic stand with 130 mm height adjustability allows greatest set-up flexibility.

- **Integrated Speakers, headphone jack and USB.** Hub provide excellent options for office communication.

- **ControlSync® technology** allows users to control up to six units in a multi-monitor configuration.

SPECIAL CHARACTERISTICS

Ambient light sensor for optimized brightness levels, Auto Contrast, Carbon Footprint Meter, Carbon Savings Meter, ControlSync®, Customize Setting, DICOM Simulation, EcoModes, Energy Star 6.0, ErgoDesign®: Height adjustable stand (130 mm) with 90° Pivot features, Human Sensor, LED Backlight Technology, Picture-by-Picture, Versatile and easy installation (VESA standard) with NaViSet and NaViKey, Windows 8 compatible

Energy Efficiency	Ambient light sensor; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Human sensor
Ecological Materials	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Standards	TCO Edge 1.2; EPEAT Gold; ErP compliant; TCO 6.0

Technical Specification NEC MultiSync® EA304WMi

DISPLAY	
Panel Technology	AH-IPS GB-R LED Backlight
Screen Size [inch/cm]	29.8 / 75.7
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.251
Brightness (typ.) [cd/m²]	350
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Billion]	1.074 (10-bit per colour)
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56 - 75
RESOLUTION	
Optimum Resolution	2560 x 1600 at 60 Hz
Supported	2560 x 1440; 1920 x 1440; 1920 x 1080; 1600 x 1200; 1280 x 1024; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 640 x 480
CONNECTIVITY	
Digital	1 x DVI-D; 1 x HDMI; USB ver 3 (2 up / 1 down) ver 2 (1 down); 1 x DisplayPort
Analog	1 x D-sub 15 pin
ELECTRICAL	
Power Consumption on Mode [W]	63 (typ.); 48 (Eco Mode); 83 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	100-120 V/220-0 V; 1 A/0.5 A; internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
ERGONOMICS	
Height adjustable stand [mm]	130
Screen Tilt [°]	-5 to +30
Screen Swivel [°]	-170 to +170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)
MECHANICAL	
Dimensions (W x H x D) [mm]	687 x 473 x 230
Weight [kg]	11
VESA Mounting [mm]	100 x 100
ADDITIONAL FEATURES	
Colour Versions	White Front Bezel, White Back Cabinet; Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Audio	1W + 1W (De-activateable); Headphone Jack
Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Fine Adjust (analog); Human Sensing; Intelligent Power Management; Language Select; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB
Shipping Content	Setup Guide; Monitor; Power Cable; Control Sync Cable; USB Cable; Sales Office List Signal Cable: DisplayPort
Safety and Ergonomics	EAC; Energy Star 6.0; EPEAT™ Gold; CE; ErP; TCO 6.0; TCO Certified Edge Displays 1.2.; TÜV Ergonomics; TÜV GS; FCC Class B; UL/C-UL or CSA; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; RoHS
Warranty	3 years warranty incl. backlight

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