NEC

NEC MultiSync EA231WU-H-BK LED display 57.1 cm (22.5") 1920 x 1200 pixels WUXGA Black

Brand : NEC **Product family:** MultiSync **Product code:** EA231WU-H-BK
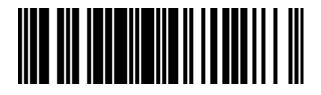
Product name : EA231WU-H-BK

- LED backlight technology provides for industry-leading low power consumption and less hazardous materials
- Height-adjust, pivot, tilt and swivel capabilities add flexibility and comfort to your viewing preferences
- Full connectivity, including DisplayPort 1.2 in / out, HDMI, DVI-D and VGA
- Touch-sensitive OSD controls are integrated into the bezel, making display adjustments easier than ever
- Human and ambient light sensors automatically detect your work conditions to determine the proper display brightness, thereby conserving power
- Certified Low Blue Light and Flicker Free
- ECO Mode™ allows you to manually adjust the display's brightness to your liking, saving power and reducing your energy costs
- NaViSet Administrator 2: Free software solution that greatly eases administration and management of larger display device installations
- Includes the SpectraView EA Kit (SVII-EA-KIT) with SpectraViewII software and Spyder colorimeter
IPS, 22.5 ", 16:10, 1920x1200,W-LED, 250 cd/m2, 1000:1, 5 ms

Display

Display diagonal *	57.1 cm (22.5")
Display resolution *	1920 x 1200 pixels
HD type *	WUXGA
Native aspect ratio *	16:10
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✖
Display brightness (typical)	250 cd/m²
Response time *	5 ms
Screen shape *	Flat
Supported graphics resolutions	1920 x 1200 (WUXGA)
Aspect ratio	16:10
Contrast ratio (typical) *	1000:1
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.78 million colours
Pixel pitch	0.25 x 0.25 mm
Pixel density	100 ppi
Horizontal scan range	31.5 - 75 kHz
Vertical scan range	50 - 60 Hz
Viewable size, horizontal	17.8 cm
Viewable size, vertical	17.8 cm
DDC/CI	✔
Colour gamut standard	sRGB
Colour gamut	75%
sRGB coverage (typical)	101.8%
NTSC coverage (typical)	72.1%
3D	✖

Performance

NVIDIA G-SYNC *	✖
AMD FreeSync *	✖
Low Blue Light technology	✔

Ports & interfaces

DVI-D ports quantity	1
HDMI ports quantity	1
DisplayPorts quantity	1
Audio output	✔
HDCP	✔

Ergonomics

VESA mounting *	✔
Height adjustment *	✔
Pivot	✔
Swivelling	✔
Tilt adjustment	✔
Plug and Play	✔

Power

Energy efficiency class (SDR) *	D
Energy consumption (SDR) per 1000 hours *	12 kWh
Power consumption (PowerSave)	0.29 W
Energy efficiency scale	A to G

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	-10 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	10 - 85%
Non-operating altitude	5000 - 12192 m

Weight & dimensions

Width (with stand)	498.9 mm
Depth (with stand)	250 mm
Height (with stand)	337.2 mm
Weight (with stand)	8.3 kg
Width (without stand)	498.9 mm
Depth (without stand)	45.6 mm
Height (without stand)	319.7 mm

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✔

Design

Market positioning *	Business
Product colour *	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	3
VGA (D-Sub) ports quantity	1
DVI port	✔

Weight & dimensions

Weight (without stand)	5.9 kg
Height (max)	48.7 cm

Packaging content

Cables included	DisplayPort, USB

Sustainability

Sustainability certificates	ENERGY STAR

Other features

On/off switch	✔
sRGB coverage (min)	94.3%
TV tuner integrated	✘
Compliance certificates	RoHS
Certification	Low Blue Light, Flicker Free, TCO

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