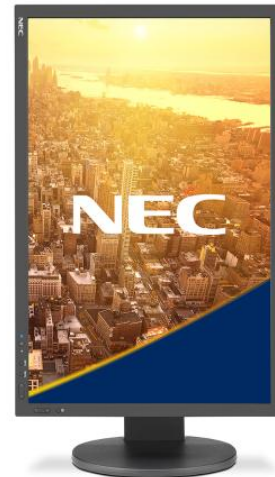


MultiSync® PA243W LCD 24" Professional Display

Datasheet



NEC MultiSync® PA243W – the professional reference for creatives

This 24" display with WUXGA resolution delivers the highest accuracy for best image visualisation.

With built-in NEC SpectraView engine, 3D-Look-Up-Table (LUT) and 10-bit AH-IPS panel, this elite package enables professionals to rely on the highest colour reproduction covering the wide AdobeRGB colour space. The integrated backlight sensor and uniformity control guarantees long lasting and homogenous visualisation to produce the best creative results. When the deadlines loom and work becomes more intense, the built-in Low Blue Light technology protects your eyes from strain.

The ideal display for all creative professionals, designers, photographers, CAD-CAM, video-editing, precision engineering, medical imaging, and industrial applications (e.g. non-destructive testing (NDT)).

Benefits

Dependable colour and brightness reproduction – the built-in NEC SpectraView colour engine controls the wide AdobeRGB colour space and 3D LUT, and adjusts luminance values via the integrated backlight sensor for long lasting calibrated colour accuracy.

Maximum health consciousness – low Blue Light technology filters out hazardous blue light emissions and protects viewers eyes from strain and damage.

Superb visualisation – best-in-class visualisation at any viewing angle with 10-bit AH-IPS panel and homogeneous screen image quality thanks to uniformity control.

Save Time and Increase Personal Productivity – see reality on your screen and see your creative masterpieces precisely as you envisioned them.

Responsible Approach to Environmental Impact – is maintained, without any performance compromise: Ambient Light Sensor, Carbon Footprint Meter / Carbon Savings Meter and efficient cabinet packing design.

Ergonomic Office – full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Product Information				
Product Name	MultiSync® PA243W			
Product Group	LCD 24" Professional Display			
Order Code	60004430 (WH), 60003860 (BK)			
Display				
Panel Technology	IPS TFT			
Screen Size [inch/cm]	24 / 61			
Screen Aspect Ratio	16:10			
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]	8 (grey-to-grey)			
Colours [Billion]	1.073 (10-bit per colour)			
Colour Gamut Size / Coverage	107.3% / 112.4% Adobe RGB			
Synchronisation Rate				
Horizontal Frequency [kHz]	31.5 - 91.1 and 118.4 (digital); 31.5 - 93.8 and 118.4 (analog)			
Vertical Frequency [Hz]	50 - 85			
Resolution				
Optimum Resolution	1920 x 1200 at 60 Hz			
Supported	1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200;	1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024;	1280 x 960; 1280 x 768; 1152 x 870; 1024 x 768;	800 x 600; 720 x 400; 640 x 480
Connectivity				
Digital	1 x DisplayPort; 1 x DVI-D; 1 x HDMI			
Analog	1 x D-sub 15 pin			
Electrical				
Power Consumption on Mode [W]	27 (Eco Mode); 35 (typ.); 55 (max.)			
Power Savings Mode [W]	0.3			
Power Supply	0.95 A/0.48 A; 100-240 V; integrated power supply			
Environmental Conditions				
Operating Temperature [°C]	+5 to +35			
Operating Humidity [%]	20 to 80			
Ergonomics				
Height adjustable stand [mm]	150 (Landscape mode)			
Screen Tilt / Swivel [°]	-5 to +30; -170 to +170			
Screen Rotate [°]	0 to 90 (landscape to portrait mode)			
Mechanical				
Bezel Width [mm]	17.9			
Dimensions (W x H x D) [mm]	556.2 x 379.1 - 529.1 x 233 (Landscape mode); Without stand: 556.2 x 361.8 x 58.6			
Weight [kg]	8; Without stand: 5.2			

Additional Features

Special Characteristics	Adjustable power LED (colour and brightness); Advanced NTAA; AmbiBright; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; ColorComp; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; GammaComp (14-bit Look Up Table and 16-bit processing); GB-R LED Backlight; Integrated USB Hub (2 up; 3 down); NaViSet Administrator 2; Overdrive; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; Rapid Response Technology; RapidMotion; Self Diagnostics; TileComp; TileMatrix; TORO™ Design; Windows 10 compatible
Colour Versions	Black Front Bezel, Black Back Cabinet; Silver Front Bezel, Light Grey Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	EDID Standard; VESA DDC/CI; VESA DDC2B
Adjust Functions	Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); Advanced User Menu; Auto Adjust; Black Level; Brightness; Colour Temperature Control; Contrast; Expansion Mode; Fine Adjust (analog); Hotkeys; Intelligent Power Management; Language Select; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; On-Screen-Display (OSD) lock-out; PiP; Sharpness; USB
Shipping Content	CD-ROM; Monitor; Power Cable; Setup Guide Signal Cable: DisplayPort; Mini DisplayPort; USB
Safety and Ergonomics	C-tick; CCC; CE; ErP; FCC Class B; ISO 9241-307 (pixel failure class 2); MPR II/ MPR III; PCBC/B-mark; PCT/Gost; PSB; RoHS; TCO 6.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight

Green Features

Energy Efficiency	Annual energy consumption: 51 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; Energy efficiency class: B
Ecological Materials	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Standards	ErP compliant; TCO 7.0



CE



C-tick



FCC Class B

MPR II/ MPR
IIIME06
PCT/Gost

RoHS



TCO 6.0

TÜV
Ergonomics

TÜV GS

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