

NEC MultiSync® PA271W



The new Reference Professional 27inch desktop monitor for Creative Professionals, Semi-Medical, Precision Engineering and Demanding Corporate Office applications

- Wide Colour Gamut P-IPS TFT 16:9 display with 10-bit Colour (1 billion colours)
- Outstanding productivity with Picture in Picture, USB hub, DisplayPort connectivity and real-time Colour emulation via 3D LUT
- Green productivity through innovative cabinet design, transparent carbon reporting and arsenic-free materials
- 14-bit LUT with 16-bit processing

see more.

NEC Display Solutions

NEC MultiSync® PA271W

TECHNICAL SPECIFICATIONS

Panel Technology	P-IPS
Screen Size [inch/cm]	27.0 / 68.5
Colour Gamut Size / Coverage	98% / 107% Adobe RGB
Pixel Pitch [mm]	0.233
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Contrast Ratio (typ.)	1000:1
Brightness (typ.) [cd/m ²]	300
Response Time (typ.) [ms]	7 (grey-to-grey), 12 (7 white / black; 5 black / white)
Colours [Billion]	1.073 (10-bit per colour)
Horizontal Frequency [kHz]	31.5 - 93.9
Vertical Frequency [Hz]	50.0 - 87.0
Optimum Resolution	2560 x 1440 at 60 Hz
Supported Resolutions	2560 x 1440; 1920 x 1080p; 1600 x 1200; 1280 x 1024; 1280 x 960; 1280 x 720p; 1200 x 1920; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 576p; 720 x 480p; 720 x 400; 640 x 480p; 640 x 480
Connectors	Digital: 1 x DisplayPort; Digital: 2 x DVI-D
Plug & Play	VESA DDC/CI; EDID Standard; VESA DDC2B
Adjust Functions	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
Safety and Ergonomics	CE; ERP; TCO 03; TÜV Ergonomics; TÜV GS; C-tick; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 9241-307 (pixel failure class 2); MPR III; PCBC/B-mark; PSB; RoHS
Power Consumption on Mode [W]	75 (typ.); 117 (max.)
Stand-by Mode [W]	< 1.4
Power Supply	100-240 V; 1.38 A/0.56 A; integrated power supply
Ambient Temperature (operating) [°C]	+5 to +35
Ambient Humidity (operating) [%]	30 to 80
VESA Mounting [mm]	100 x 100 (4 points); 200 x 100 (5 points)
ErgoDesign®: Height adjustable Stand [mm]	150 (Landscape mode)
Screen Tilt / Swivel [°]	-5 to +30 / -45 to +45
Screen Tilt / Swivel / Rotate [°]	0 to 90 (landscape to portrait mode)
Dimensions (W x H x D) [mm]	643.6 x 397.6 - 0 x 250 (Landscape mode) 640.4 x 378.6 x 85.0
Bezel Width [mm]	20.3
Weight [kg]	13.6; Without stand: 9.6
Cable Management	yes
Kensington security slot	yes
Benefits	Adjustable power LED (colour and brightness); AmbiBright; ambix ³ ™; 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); Integrated USB Hub (2 up; 3 down); NaViSet® and NaViSet® Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; 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 7 compatible
Audio Functions	Option: MultiSync® Soundbar 90
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DisplayPort; Signal Cable DVI-D - DVI-D; CD-ROM; Sales Office List; User Manual
Warranty	3 years warranty incl. backlight



All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All rights reserved. All specifications are subject to change without notice. 07/10

www.nec-display-solutions.co.uk

NEC (UK) Ltd. - Display Solutions Division, NEC House, 1 Victoria Road, London W3 6BL
Phone: +44 (0) 870 0120 1160, Fax: +44 (0) 208 8752 3670