

NEC MultiSync® PA322UHD

Order Code: 60003685

NEC LCD 32" Professional Display



Professional Reference 10-bit IPS type LCD panel W-LED with IGZO technology 32" UHD Display UHD Display delivers uncompromising image quality as well as minimising lifecycle environmental impact. Uniting outstanding colour reproduction, class-leading ergonomics, latest DisplayPort, HDMI and DVI connectivity, ambient light sensor and 10-bit IPS type LCD panel with IGZO technology performance makes it ideal for mission critical applications requiring absolute attention to detail.

The ideal display for all creative professionals, designers, photographers, CAD-CAM, video-editing, finance, precision engineering, medical imaging, broadcasting and industrial applications (e.g. NDT) and anyone who cares about their visual work.



NaViSet
Administrator 2

BENEFITS

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

Enhanced imaging performance - advanced settings of all relevant visual parameters for full control of brightness, colour, gamma and uniformity with Spectraview Engine.

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

Stunning "pixel-free" ergonomic viewing - delivered by an Ultra High Definition (3,840 x 2,160) Professional LED backlit 10-bit IPS type LCD panel with IGZO technology.

Reliable colour reproduction - due to 10-bit colour performance, wide gamut covering 99% of AdobeRGB, and hardware calibratable 14-bit LUT for accurate image presentation.

Future Ready with Extension Slot based on OPS Form Factor - upgrade the capabilities of your display at any time without the need for external cables or devices.

Advanced Picture by Picture - simultaneously show up to 4 different video inputs.

DISPLAY	Panel Technology	IPS TFT with W-LED backlight
	Screen Size [inch/cm]	31.5 / 80
	Screen Aspect Ratio	16:9
	Pixel Pitch [mm]	0.18
	Brightness (typ.) [cd/m²]	350
	Contrast Ratio (typ.)	1000:1
	Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	10 (grey-to-grey); 24 (12 white / black; 12 black / white)
SYNCHRONISATION RATE	Horizontal Frequency [kHz]	31.5 - 134
	Vertical Frequency [Hz]	24 - 120
RESOLUTION	Optimum Resolution	3840 x 2160 at 60 Hz
	Supported	3840 x 2160 (24/25/30/60 Hz); 2560 x 1600; 2560 x 1440 (30/50/60/75/85 Hz); 1920 x 1080 (24/25/30/50/60/75/85/100/120 Hz); 1280 x 2160; 1280 x 720 (50/60/75/85/100/120 Hz); 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
CONNECTIVITY	Digital	2 x DisplayPort; 2 x DVI-D; 4 x HDMI; USB ver. 3.0 (2 down / 3 up)
ELECTRICAL	Power Consumption on Mode [W]	48 (Eco Mode); 68 (typ.); 95 (max.)
	Power Savings Mode [W]	5
	Power Supply	1.51 A/0.6 A; 100-120 V/220-240 V; internal power supply
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	+5 to +35
	Operating Humidity [%]	30 to 80
ERGONOMICS	Height adjustable stand [mm]	150
	Screen Tilt [°]	-5 to +30
	Screen Swivel [°]	-45 to +45
	Screen Rotate [°]	0 to 90 (landscape to portrait mode)
MECHANICAL	Bezel Width [mm]	21.9 (left and right); 22.5 (top and bottom)
	Dimensions (W x H x D) [mm]	745 x 469 x 302
	Weight [kg]	20.5
	VESA Mounting [mm]	100 x 100; 200 x 100
ADDITIONAL FEATURES	Special Characteristics	Ambient light sensor for optimized brightness levels; Auto Black Level; Auto Brightness; Carbon Footprint Meter; Carbon Savings Meter; Cost Meter; DICOM Simulation; Digital Uniformity Control (ColorComp); DisplayPort; ErgoDesign®: Height adjustable stand (150 mm), swivel (45°), and portrait (90°); GammaComp (14-bit Look Up Table and 16-bit processing); LED Backlight Technology; NaViSet Administrator 2; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; RapidMotion; Self Diagnostics; TORO™ Design; USB ver. 3.0 (3 down / 2 up); Versatile installation (VESA standard), with integrated speakers (2+2 W)
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Cable Management	yes
	Kensington security slot	yes
	Plug and Play	DDC2B/2Bi; EDID Standard; VESA DDC/CI
	Audio	Headphone Jack; Integrated Speakers (2 W + 2 W)
	Adjust Functions	Auto Adjust, Brightness; Colour Temperature Control; Language Select; Monitor Information; On-Screen-Display (OSD) lock-out; Volume
	Shipping Content	CD-ROM; Monitor; Power Cable; Sales Office List; User Manual Signal Cable: DisplayPort; Mini DisplayPort
	Safety and Ergonomics	CE; EAC; FCC Class B; ISO 9241-307 (pixel failure class I); RoHS; UL/C-UL or CSA
	Warranty	3 years warranty incl. backlight
	OPS Options	HD-SDI 1.5G, 3G
GREEN FEATURES	Energy Efficiency	LED backlight technology
	Ecological Standards	ErP compliant; RoHS compliant