

NEC MultiSync® PA322UHD-BK

Order Code: 60003685

NEC LCD 32" Professional Display



Professional Reference 10-bit IPS type with IGZO technology and W-LED Display unites high reliability, uncompromising image quality and highly accurate colour reproduction. The PA322UHD-SV2 allows 24/7 usage (with optional Warranty extension) and error-free, intensive viewing. The included SpectraView II application software works with the in-built SpectraView Engine 14-bit LUT and an external sensor (optional) to deliver the outstanding hardware calibration with life-like colours.

With the Ambient Light Sensor and Carbon Footprint Meter, the Display also promotes professional green productivity and minimises the life-cycle environmental impact.

The ideal display for all mission critical applications, 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.

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.

Uncompromising Image Quality - full colour control thanks to 10-bit IPS, Digital Uniformity Control, 14-bit hardware LUT, SpectraView Engine performance and SpectraView II calibration control.

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

4K UHD



NaViSet
Administrator 2

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|---------------------------------|-------------------------------|--|---|
| 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) | |
| | Colours [Billion] | 1.074 (10-bit per colour) | |
| 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 (3 down / 2 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; Setup Guide; SpectraView II Application Software 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 | |
| | Optional Accessories | MDSVSENSOR 3 | |
| | GREEN FEATURES | Energy Efficiency | Annual energy consumption: 139 kWh (based on 4 operating hours per day); Energy efficiency class: D; LED backlight technology |
| | | Ecological Standards | ErP compliant; RoHS compliant |

For more information, visit nz.nec.com, email sales@nec.co.nz or call 04 381 1111