

3MP Clinical Review Display

NEC MDview 272



The new professional 27inch DICOM calibratable display for medical image viewing and PACS referral fulfils dedicated quality requirements for reproduction of images from Computed Tomography, Magnetic Resonance Imaging, Nuclear Medicine/PET and Cardiology as well as PACS referral.*

* This display is not intended to be used for diagnostic image viewing, as it is not a medical device according to MDD 93/42/EC.

Benefits

DICOM preset – for medical radiological review applications.

Precise DICOM GSDF Calibration – using internal 14 bit look-up table.

Backlight Ageing Correction – brightness and white point.

GammaCompMD QA Client Software compatible –

Specifications

Product Information

Product Name
NEC MDview 272

Product Group
3MP Clinical Review Display

Order Code
60003527

Display

Panel Technology
AH-IPS GB-R LED Backlight

Screen Size [inch/cm]
27 / 69

Pixel Pitch [mm]
0.233

Brightness (typ.) [cd/m²]
340

Contrast Ratio (typ.)
1000:1

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Response Time (typ.) [ms]
16 (8 white / black; 8 black / white); 7 (grey-to-grey)

Colours [Billion]
1.073 (10-bit per colour)

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 96.5

Vertical Frequency [Hz]
50 - 85

Resolution

Optimum Resolution
2560 x 1440 at 60 Hz

Supported

1024 x 768;	1280 x 960;	720 x 400;
1152 x 864;	1600 x 1200;	720 x 480p;
1152 x 870;	1920 x 1080p;	720 x 576p;
1200 x 1920;	2560 x 1440;	800 x 600;
1280 x 1024;	640 x 480;	832 x 624
1280 x 720p;	640 x 480p;	

Connectivity

Digital
1 x DisplayPort; 1 x DVI-D; 1 x HDMI

Analog
1 x VGA

Electrical

Power Consumption on Mode [W]
37 (Eco Mode); 50 (typ.); 73 (max.)

Power Savings Mode [W]
< 0.5

Power Supply
0.45 A/1 A; 100-240 V; integrated power supply

Environmental Conditions

Operating Temperature [°C]
+5 to +35

Operating Humidity [%]
30 to 80 (non-condensing)

Ergonomics

Height adjustable Stand [mm]
150 (Landscape mode)

Screen Tilt / Swivel [°]
-5 to +30; -45 to +45

Screen Rotate [°]
0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]
20 (top and bottom); 20.3 (left and right)

Dimensions (W x H x D) [mm]
With stand: 640.4 x 396.2 x 235.5; Without stand: 640.4 x 378.6 x 85

Weight [kg]

With stand: 12.9

VESA Mounting [mm]

100 x 100 (4 points); 200 x 100 (5 points)

Additional Features**Special Characteristics**

Auto Black Level; Auto Brightness; DICOM preset; OmniColor™: sRGB and 6-Axis-Colour-Control; Picture-in-Picture Mode

Colour Versions

Black Front Bezel, Black Back Cabinet

Cable Management

yes

Kensington security slot

yes

Plug and Play

EDID Standard; VESA DDC/CI; 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

Shipping Content

[value1] x DVI-D Cable; Approved Display Controller Drivers; CD-ROM (User Guides/Manuals); Continental and UK power cord; Display; GammaCompMD Client QA Software; Quick Reference Guide; Signal Cable DisplayPort

Safety and Ergonomics

C-tick; CCC; CE; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCBC/B-mark; PCT/Gost; PSB; RoHS; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA

Warranty

3 years warranty standard, optional 5 years

Green Features**Energy Efficiency**

Intelligent power management



C-tick



CE



TÜV GS



TÜV Ergonomics



RoHS



PCT/Gost



MPR II/ MPR III



FCC Class B



ErP

Medical device registration plays an important role in complying with mandatory EU regulations on the medical vigilance system. In addition, product registration ensures you receive the best after-sales support and warranty condition. Please register your NEC medical device at <https://medical.nec-display-solutions.com>

CE-MDD declaration is in accordance with the European Directive 93/42/EEC (Medical Device Directive).

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