



I Display MD 301C4 sono dedicati alla Refertazione di immagini digitali. Il campo di applicazioni di tale display include refertazione di immagini Radiografiche, CT, MRI ed immagini di altre metodiche diagnostiche

- 29,8" (4.0 Mp di risoluzione: 2560x1600 pixels)
- Pannello TFT P-IPS ed elevate prestazioni
- Calibrazione stand alone tale da garantire una efficiente rappresentazione delle temperatura colore, grazie alla LUT a 14 bit ed alla fedele scala di grigi DICOM GSDF
- Il Display è corredato dal client GammaComp MD QA Software oltre ad un Display Controller dedicato
- Certificazione Medicale conforme alla MDD 93/42/EC

NEC MD301C4

TECHNICAL SPECIFICATIONS

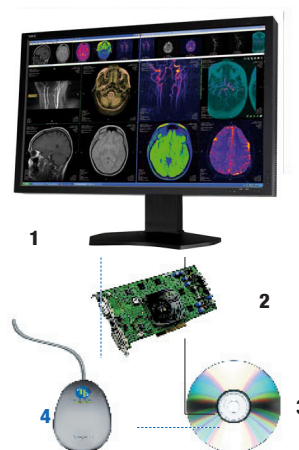
Panel Technology	P-IPS (Horizontal IPS)
Screen Size [inch/cm]	29.8 / 75.6
Colour Gamuts [Size comparison]	102 % NTSC
Pixel pitch [mm]	0.251
Viewing Angle	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Contrast ratio (typ.)	1000:1
Brightness (typ.) [cd/m2]	350 (peak) / 200 (calibrated AAPM TG-18) / 160 (calibrated DIN V6868-57)
Response time (typ.) [ms]	6 (grey-to-grey), 12 (6 white / black; 6 black / white)
Colours [Bio.]	1.07 (10-Bit)
Optimum Resolution	2560 x 1600 at 60 Hz
Other Resolutions	2560 x 1440; 1920 x 1440; 1920 x 1200; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1280 x 1024; 1280 x 960; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 640 x 480; 720 x 480p; 720 x 576p; 1280 x 720p; 1920 x 1080p
Horizontal Frequency [kHz]	31.5 - 98.7 (digital)
Vertical Frequency [Hz]	30.0 - 87.0
Connectors	2 x DVI-D (Dual Link); 2 x DisplayPort
Plug & Play compatibility	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Adjust Functions	Auto Adjust; Colour Temperature Control; Sharpness; Brightness; Contrast; Intelligent Power Management; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; Black Level; Expansion Mode; On-Screen-Display (OSD) lock-out; Language Select; Advanced User Menu; Hotkeys
Safety and Ergonomics	GEEA/Energy Star; Pending: CE-MDD; TÜV GM; UL60601; DICOM gamma correction, Digital Uniformity Control active, Backlight stabilisation active
Power Requirements on Mode [W]	155 (typ.)
Power Requirements Power-saving Mode [W]	1
Power Supply	100-240 V; 1.9A / 0.7A; integrated power supply
Ambient Temperature (operating) [°C]	5 to 35
Ambient Humidity (operating) [%]	30 to 80
VESA Mounting	100 x 100; 200 x 100
ErgoDesign®: Height-adjustable stand [mm]	150 (Landscape mode)
Dimensions (W x H x D) [mm]	688 x 466-616 x 302 (Landscape mode)
Screen Tilt / Swivel [°]	-5 to +30 / -170 to +170
Bezel Width [mm]	22
Cable Management	yes
Kensington Security Lock	yes
Weight [kg] (H / V @ CR > 10:1)	18.8
Specials	Adjustable Power LED (colour and brightness); EcoModes; Direct Brightness and Contrast; Auto Black Level; CableComp with Sync Continuity Detection; Digital Uniformity Control; Rapid Response; RapidMotion; TileMatrix; TileComp; OmniColor™; 14 bit Look Up Table and 14 bit Gamma Correction; TORO™ Design; DDC-CI; Overdrive; Self Diagnostics; Quick Release Stand and Handle; Backlight Ageing Correction; Self calibration; Colour matching
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping contents	Monitor; Power Cable; Signal Cable DisplayPort; Signal Cable DVI-D - DVI-D; CD-ROM; User Manual; GammaCompMD QA Software
Warranty	3 years warranty incl. backlight

NEC MD SERIES DISPLAY SYSTEM CONFIGURATIONS*

Display Model variety	4 Megapixel Single or Dual Display
Display controller board variety	AMD/ATI, nVIDIA and Matrox PCI Express Bus
Software	GammaCompMD QA

CE-MDD declaration for model MD301C4 is in accordance with the European Directive 93/42/EEC (Medical Device Directive). NEC MD Series Display Systems are registered as medical devices at DIMDI and succeeded pre-qualification for the German X-ray ordinance acceptance tests according to DIN V6868-57.

For further information please contact us at: med-info@nec-displays.com
www.medical.nec-displays-solutions.com



A typical NEC MD Series Display System configuration

- 1 Single or Dual head displays
- 2 Display Controller Board
- 3 GammaCompMD QA Quality Assurance Software
- 4 Calibrator (optional)

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