

# NEC MD302C6

Order Code: 60003534

6MP Medical Certified Diagnostic Display



The NEC MD302C6 flat panel display is ideal for viewing colour and grayscale digital images for diagnosis by trained physicians. Applications include diagnostics image reporting in radiography as well as CT, MRI and other medical imaging techniques.



## BENEFITS

**Stabilized image quality** - A built-in front sensor regulates the luminance of the display for short and long term.

**Precise image** - Special AR (Anti-Reflection) coating ensures crisp image reproduction.

**Quick and convenient DICOM conformance test** - Ad-Hoc DICOM conformance test can be performed on the display.

**DICOM out of the box** - The display is calibrated at the factory according to DICOM Part 14.

**Clean work space** - The built-in power supply unit helps keep your workspace clear by eliminating the need for an external AC adapter.

**Advanced Productivity** - A large size and high resolution 30" 6MP screen offers a remarkably wide work space.

**Eco friendly** - Less energy consumption and mercury free with LED backlight system.

**Flexible video configuration** - Arrange your viewing area as a single 6MP canvas or dual 3MP display setup.

**Easy maintenance** - GammaCompMD QA software included with the display enables easy calibration, maintenance and quality assurance ensuring accurate performance over the entire lifetime of the display.

<b>DISPLAY</b>	Panel Technology	IPS TFT with W-LED backlight
	Screen Size [inch/cm]	30 / 76.2
	Screen Aspect Ratio	16:10
	Pixel Pitch [mm]	0.197 x 0.197
	Luminance [cd/m²]	400 (calibrated); 800 (max)
	Contrast Ratio (typ.)	1000:1
	Viewing Angle [°]	170 horizontal / 170 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	30 (tr - tf)
	Colour Reproduction	10-bit (1021 grey tones per R G B input) with 1.06 billion total colours (max.)
	Programmable Gamma Correction	16-bit
Factory Calibration	Gamma correction according to DICOM Part 14; 400 cd/m² at white level; 0.8 cd/m² at black level; 7500K colour temperature	
<b>SYNCHRONISATION RATE</b>	Horizontal Frequency [kHz]	31.5 - 126.5
	Vertical Frequency [Hz]	30 - 70
<b>RESOLUTION</b>	Optimum Resolution	3280 x 2048 at 30 Hz; Dual 1536 x 2048 at 60 Hz; Dual 1640 x 2048 at 60 Hz
<b>CONNECTIVITY</b>	Digital	2 x DisplayPort; 2x DVI-D (Dual Link)
<b>ELECTRICAL</b>	Power Consumption on Mode [W]	114 (shipping); 173 (max.)
	Power Savings Mode [W]	< 22
	Power Supply	100-120 V/220-240 V; 4 A/1.67 A; internal power supply
<b>ENVIRONMENTAL CONDITIONS</b>	Operating Temperature [°C]	+5 to +35
	Operating Humidity [%]	20 to 80
<b>ERGONOMICS</b>	Height adjustable stand [mm]	131
	Screen Tilt [°]	-5 to 30
	Screen Swivel [°]	-45 to +45
<b>MECHANICAL</b>	Dimensions (W x H x D) [mm]	695.6 x 486.5 x 301.6
	Weight [kg]	17.6
	VESA Mounting [mm]	200 x 100
<b>ADDITIONAL FEATURES</b>	Special Characteristics	16-bit Gamma Correction; Built-in Ambient Light Sensor; Built-in Front Sensor; Digital Uniformity Control; Quick DICOM Test; Selectable Configuration (Config1, Config2, Config3); Selectable EDID
	Kensington security slot	yes
	Plug and Play	VESA DDC2B
	Shipping Content	Continental and UK power cord; Display; Quick Reference Guide Signal Cable: 2 x DisplayPort; 2 x DVI-D; USB
	Safety and Ergonomics	AAPM-TG18; CCC; CE-MDD (EN60601-1, EN60601-1-2); DIN 6868-57 Category A; EAC; FDA510 (k); JESRA-X0093; RoHS; WEEE
	Warranty	3 years warranty incl. backlight; optional 4. + 5. year warranty extension
<b>SYSTEM CONFIGURATIONS</b>	Display Controller Board Variety	AMD; Nvidia
	Software	GammaCompMD QA
	Options	Calibration Instrument (MDSVSENSOR3)

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 <http://medical.nec-display-solutions.com/medregistration>

CE-MDD declaration 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.