NEC LCD8205

82" professional-grade LCD display ideal for corporate and digital signage applications

Enhance your image in a big way. The 82" NEC LCD8205 delivers big-screen performance and capabilities for your corporate and digital signage applications. Its sheer size (landscape orientation provides an active screen area of almost six feet in width and more than three feet in height) captures the attention of audiences both near and far. And with full high-definition resolution, lightning-quick response times, the widest possible viewing angles and high brightness/contrast, your images and messaging keep all eyes on the screen. This level of performance makes this display ideal for corporate lobbies and boardrooms, digital signage applications and tradeshows/events, leaving positive, lasting impressions.
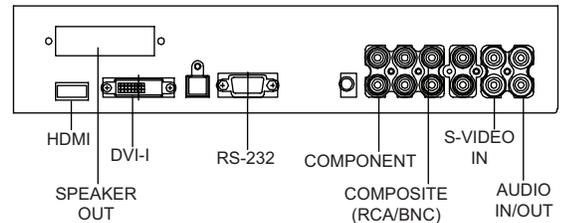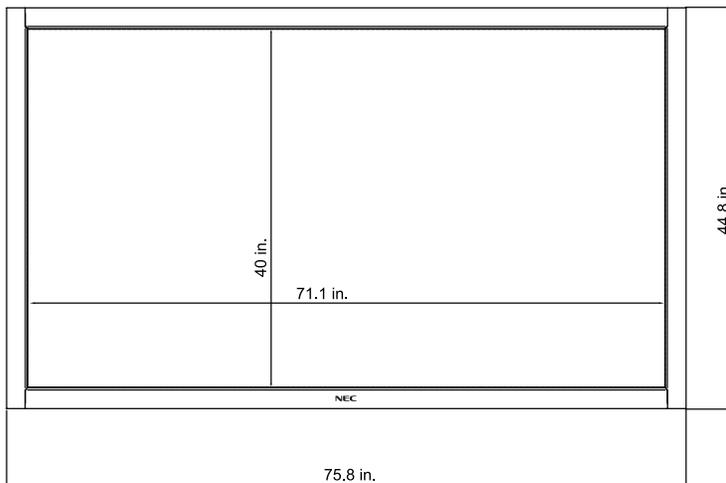

- ¤ **High brightness (600 cd/m²)** helps overcome ambient lighting obstacles for distraction-free viewing
- ¤ **Remarkable contrast (2000:1)** provides for staggeringly deep blacks and improved color depth
- ¤ **Thermal protection** includes fan-based technology specially designed to work in both landscape and portrait modes and be controlled locally or remotely. Internal temperature sensors control self-protective circuits, while special self-diagnostics communicate the status of the thermal characteristics.
- ¤ **TileMatrix™** allows you to create video walls (up to 16 displays in a 4x4 matrix equaling 27 ft. diagonal)
- ¤ **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- ¤ **Five picture and audio modes** adjust the picture and sound, optimizing for the best viewer experience
- ¤ **Color temperature adjustable** from 5500 - 9300K, allowing for perfect whitepoint matching across screens as well as matching to source devices
- ¤ **AmbiBright™** technology automatically adjusts the backlight depending on ambient lighting brightness for optimal picture quality and viewing
- ¤ **Landscape and portrait capability** allows for distortion-free display of content in various orientations, creating new application opportunities
- ¤ **Optional white glove service** ensures hassle-free site audit, equipment assessment, delivery and installation of the LCD8205

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Specifications for LCD8205 (LCD8205-P*)

Model	LCD8205
LCD MODULE	
Viewable Size (Diagonal)	82"
Panel Technology	SPVA
Native Resolution	1920 x 1080
Pixel Pitch	0.941mm
Brightness (typical)	600 cd/m² (LCD8205-P; 450 cd/m²)
Contrast Ratio (typical)	2000:1
Active Screen Area (W X H)	71.1 x 40 in. / 1805.8 x 1015.7mm
CONNECTIVITY	
Input Terminals	
RGB1	DVI-I
Video 1	Composite RCA
Video 2	Composite RCA
Video 3	S-Video
Video 4	HDMI
Component Video 1 (DVD/HD)	Component BNC
Audio	Audio 1 (MiniJack), Audio 2 and 3 Stereo (RCA), HDMI / Internal Speaker: None
External Control	RS-232 for multiple monitor control, IR
Audio Amplifier	7W Stereo
FEATURES	
Additional Features	Advanced thermal capabilities, TileMatrix (4x4), TileComp, Plug and Play, multi-level programmable zoom, video ready, sharpness/softness, vacation switch, AmbiBright, 10-bit gamma, TAA-compliant
POWER	
Power Requirements	9.5 A@100-120V 4.25 A@220-240V
Power Consumption (typical)	740W
Power Consumption - Standby Mode	< 15W
PHYSICAL SPECIFICATIONS	
Bezel Width (L/R, T/B)	2.3 in. / 2.3 in., 59mm / 59mm
Dimensions (without stand; WxHxD)	75.8 x 44.8 x 5.9 in. / 1926 x 1137 x 150mm (LCD8205-P; 75.8 x 44.8 x 6.3 in. / 1926 x 1137 x 160mm
Packaging Dimensions (WxHxD)	87.2 x 54.6 x 28 in. / 2216 x 1387 x 710mm
Net Weight (without stand)	291 lbs. / 132 kg (LCD8205-P; 345.4 lbs. / 157 kg)
Gross Weight (without pallet)	381.4 lbs. / 199 kg (LCD8205-P; 437.8 lbs. / 199 kg)
VESA Hole Configuration	638 x 380 x 3mm (8 hole)
ENVIRONMENTAL CONDITIONS	
Operating Temperature	5° - 40°C / 41° - 104°F (LCD8205-P; 5° - 35°C / 41° - 95°F)
Operating Humidity	20 - 80%
ACCESSORIES	
Included	Power cord, user manual, setup sheet, wireless remote control, batteries, CD-ROM
Optional	Floor stand kit (LCD8205-FSK), hard shipping case with castors (LCD8205-HC), wall mount (WM-82), tilting wall mount (WM-82T), white glove service (Install WG82)
WARRANTY/SERVICE	
Limited Warranty	3 years parts and labor, including backlight**

* LCD8205-P includes a protective panel
** Warranty restrictions apply. Contact your representative for details.

40 in.
71.1 in.
44.8 in.
75.8 in.
5.9 in.
(6.3 in.**)

HDMI DVI-I RS-232 COMPONENT S-VIDEO IN
SPEAKER OUT COMPOSITE (RCA/BNC) AUDIO IN/OUT

** LCD8205-P

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