

X981UHD-2

NEC LCD 98" Ultra-High Definition Large Format Display

Order Code: X981UHD-2



Unmatched richness of detail, commanding in its presence

Enjoy a new era of visual experience with an expansive digital canvas delivering pixel-free viewing. This vast 98 inch (248 cm) Ultra High Definition(UHD) screen is commanding in its presence making it perfectly suited for reference applications and larger meeting groups up to 15 people where intense detail and colour accuracy is demanded. The 3840 x 2160 resolution facilitates both distance and proximity viewing with precise colour fidelity regardless of the viewing angle for a reality-like visual experience. Designed for 24/7 operation and offering high usage flexibility thanks to its wide connectivity, this screen provides future-proof investment security.

This state-of-the-art technology is ideal for any heavy duty applications including professional conferencing, life-size retail signage, control room, medical review as well as CAD/CAM and creative multimedia design.

Benefits

- **Stunning “pixel-free” ergonomic viewing** delivered by an Ultra High Definition (3,840 x 2,160) Professional LED backlit S-IPS panel.
- **Enhanced imaging performance** - advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the Spectraview Engine for precise, natural images.
- **Reliable colour reproduction** - due to 10-bit colour performance, extreme viewing angles and hardware calibratable LUT, viewers benefit from consistently accurate image rendering.
- **Mission-critical 24/7 ready operation** with reliable, industry grade components and NEC trusted performance.
- **Wide array of flexible application scenarios** thanks to multi-source conferencing and efficient split-screen operation supported by a wide future-ready range of digital connectivity.
- **Perfectly Scaled** lower resolution content (e.g. FullHD) can be upscaled to UHD resolution via a bi-cubic 4x4 pixel interpolation algorithm in order to achieve smooth colours and clear edges.
- **Future Ready with OPS Cable Free Expansion** upgrade the power of your display at any time while seamlessly integrating one of our various Slot-in PCs, signal interfaces and other OPS compatible products without the need for external cables or devices.
- **Free Download of Multi-Display Management Software** - with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

PRODUCT INFORMATION	Product Name	X981UHD-2
	Product Group	NEC LCD 98" Ultra-High Definition Large Format Display
	Order Code	X981UHD-2
DISPLAY	Panel Technology	S-IPS with Direct LED backlights and local dimming
	Active Screen Area (W x H) [mm]	2,159 x 1,214
	Screen Size [inch/cm]	98 / 248
	Brightness [cd/m ²]	500, 300 Eco (shipment setting)
	Contrast Ratio (typ.)	1300:1
	Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	8 (grey-to-grey)
	Haze Level [%]	1
	Supported Orientation	Face Up; Landscape; Portrait
SYNCHRONISATION RATE	Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
	Vertical Frequency [Hz]	50 - 85
RESOLUTION	Native Resolution	3840 x 2160 at 60 Hz
	Supported on DisplayPort and HDMI	3840 x 2160 (24/30 Hz); 1920 x 1080; 1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1080i; 1080p; 1024 x 768; 800 x 600; 720p (50/60 Hz); 640 x 480; 576p (50 Hz); 480p (60 Hz)
	Supported on DisplayPort only	3840 x 2160 (60 Hz)
	Supported on HDMI only	4096 x 2160 (24 Hz); 3840 x 2160 (25 Hz); 1360 x 768; 576i (50 Hz); 480i (60 Hz)
CONNECTIVITY	Input Video Digital	1 x DisplayPort (with HDCP); 2 x DVI-D (with HDCP); 4 x HDMI (with HDCP)
	Input Audio Analogue	1 x 3,5 mm jack
	Input Audio Digital	1 x HDMI; DisplayPort
	Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
	Output Control	LAN 100Mbit
	Remote	Control LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input
OPS OPTION SLOT	Slot Technology	Open pluggable specification (NEC / Intel OPS standard)
	Inrush Current [A] max.	10
	Power Consumption [W] max.	61
	Voltage / Current [V/A]	16/4
SENSORS	Ambient Light Sensor	Integrated, triggered actions programmable
	Human Sensor	Optional, external, 4-5m range, triggered actions programmable
	Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
	NFC Sensor	Integrated, 2cm range, free NEC Android App required
ELECTRICAL	Power Consumption [W]	348 Eco (shipment setting), 560
	Power Savings Mode [W]	< 0.5 (ECO Standby); < 2
	Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	+0 to +40
	Operating Humidity [%]	20 to 80
MECHANICAL	Dimensions (W x H x D) [mm]	Without stand: 2,204 x 1,259 x 108
	Weight [kg]	Without stand: 95
	Bezel Width [mm]	19.9; 19.9 bottom/right; 19.9 top/left
	VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8
	Ingress Protection	IP40 (front); IP20 (back)
ADDITIONAL FEATURES	Special Characteristics	Carbon footprint meter; DICOM support; NaViSet Administrator 2
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
	Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
	Shipping Content	CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Power Cable; Remote Control
	Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
	Operating Hours	24/7
AVAILABLE OPTIONS	Accessories	Wall Mount (LSMU,LTMU,XTMU,LTMPU,RMF2 & RMT2) Stand ST-801
	OPS	NEC OPS Players, SB-07BC, SB-01HC
GREEN FEATURES	Energy Efficiency	Ambient light sensor; Annual energy consumption: 507 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A; Human Sensor; Local dimming
	Ecological Materials	Manuals on CD; Optional feet

Corporate Headquarters (Japan)
NEC Corporation
www.nec.com

Australia
NEC Australia Pty Ltd
au.nec.com

North America (USA)
NEC Corporation of America
www.necam.com

Asia Pacific (AP)
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www.nec.com.sg

Europe (EMEA)
NEC Enterprise Solutions
www.nec-enterprise.com

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