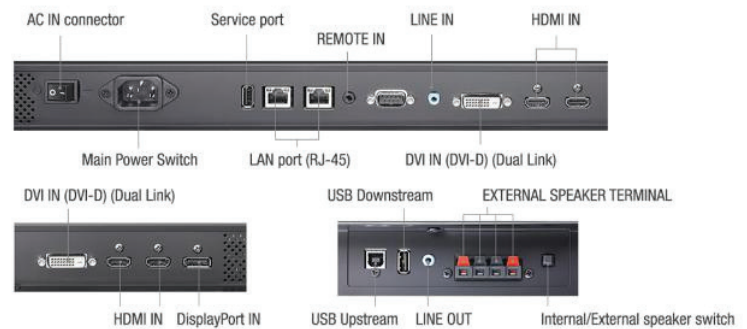\Orchestrating a brighter world

NEC

X551UHD-SST (ShadowSense)

NEC LCD 55" Ultra-High Definition Large Format Touch
Order Code: X551UHD-SST

NEC X551UHD-SST - CAD/CAM and Visualisation of Big Data

The seamless operation of presentation systems is essential to achieving productivity. If the visualization of detailed information in perfect colour fidelity is vital for success in your business, then the 10-real-touch point accuracy of ShadowSense™ technology with Ultra-High Definition pixel-free details is the perfect combination to achieve extraordinary results. The 55" multi-touch-display with 500 cd/m² eye-pleasing brightness offers the ideal platform to facilitate creative and efficient meetings.

All in all a perfect custom-tailored solution for smaller-sized meeting rooms to visualize your assets most efficiently, saving you valuable time and money for a secure investment into a brighter future.

Benefits

- **Impressive Resolution & Colours** – visualize pixel-free, colourfast details in Ultra High Resolution, thanks to the NEC SpectraView® colour engine.
- **Intuitive Touch Behaviour** – enjoy intuitive working and let the display automatically detect and switch between interactions like finger whipping, stylus writing and erasing.
- **Save Time and Work more Efficiently** – ShadowSense™ touch technology offers real-time collaboration in meetings, tracking all 12 touch points with the highest touch point accuracy.
- **Simple Plug & Play** – no need to install any drivers on the host PC for all major operating systems.
- **Ease of Use** – enhance the display with an optional "Windows based" Slot-in-PC using the integrated Ultra High Resolution OPS option slot, thereby simplifying installations and reducing the points of failure.
- **Reliability at High Ambient Light Operation** – enhanced filtering and special sensors allow operation even in the brightest ambient light conditions without causing ghost touches.

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PRODUCT INFORMATION	Product Name	X551UHD-SST (ShadowSense)
	Product Group	NEC LCD 55" Ultra-High Definition Large Format Touch Display
	Order Code	X551UHD-SST
DISPLAY	Panel Technology	S-IPS with Edge LED backlights
	Active Screen Area (W x H) [mm]	1,209.06 x 680.4
	Screen Size [inch/cm]	54.6 / 138.68
	Brightness [cd/m²]	500, 400 (Typical)
	Contrast Ratio (typ.)	4,000:1
	Viewing Angle [°])	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	6 (grey-to-grey)
	Haze Level [%]	10
	Supported Orientation	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 (60 Hz); 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; 480p (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]	150
	Power Savings Mode [W]	< 0.5 (ECO Standby); < 2.5
	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: 1299 x 742 x 96
	Weight [kg]	Without stand: 50
	Bezel Width [mm]	32.75 mm
	VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8
	Ingress Protection	IP40 (front); IP20 (back)
TOUCH	Touch Technology	ShadowSense™ Touch
	Number of Touches	Real multi-touch up to 10 touches
	Response Time [ms]	6 to 8
	Touch Active Area (W x H) [mm]	1,209.06 x 680.4
	Touch Method	Finger; Gloves; Stylus (≥ 4 mm)
	Operating System	Windows 7, Windows 8, Windows 10 plug & play true multi touch; Mac OS: Single touch
	Data Interface	USB 2.0 (full speed) HID; USB powered, plug & play
	Accuracy [mm]	< 2
	Touch Resolution	12-bit (4096 x 4096)
	Ambient Light Rejection	Up to full sunlight (approx. 100000 lux)
ADDITIONAL FEATURES	Special Characteristics	Carbon footprint meter; DICOM support; NaViSet Administrator 2
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Safety and Ergonomics	CE; RoHS;
	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 conditional warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
	Operating Hours	24/7
AVAILABLE OPTIONS	Accessories	Feet (ST-651); Wall Mount (LSM1U,LTM1U,MTMP1U,RXF2 & RXT2)
	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