Specifications

MODEL	X461S	X551S
LCD MODULE		
Viewable Size (Diagonal)	46"	55"
Panel Technology	SPVA	
Native Resolution	1920 x 1080	
Pixel Pitch	0.53mm	0.63mm
Brightness (Typical/Maximum)	500 cd/m² / 600 cd/m²	
Contrast Ratio (Typical)	3000:1	4000:1
Active Screen Area (W X H)	40.1 x 22.5 in. / 1018.4 x 572.5mm	47.6 x 26.8 in. / 1209.6 x 680.4mm
CONNECTIVITY		
Input Terminals		
RGB1 (Digital)	DVI-D 24pin	
RBB2 (Digital)	DisplayPort	
RGB3 (Analog)	Analog 15pin Mini D-sub	
Video 1	Composite (sharing with D-Sub)	
Video 2	S-Video (sharing with D-sub)	
Video 3	HDMI	
Component Video 1 (DVD/HD)	Component BNC (sharing with D-sub)	
Audio	Audio 1 (Mini Jack), HDMI, DisplayPort	
External Control	LAN RJ-45, RS-232C, DDC/CI	
Output Terminals		
RGB	Yes (DVI-D 24pin)	
Video	Yes	
Audio	Yes	
External Control	RS-232C in/out for multiple monitor control, Ethernet, DDC/CI	
Speaker Output		
External Speaker Jack	10W Stereo	
Internal Speaker	10W Monaural	
FEATURES		
Additional Features	Advanced thermal capabilities, Sealed professional panel, Expansion slot, Ethernet control and communication, Cablecomp+, Tilematrix (10x10), Tilecomp, Programmable lookup tables, Plug and play (DDC/CI, DDC2B), PIP (remote), POP, 6-axis colour adjustment, Multi-level programmable zoom, Scheduler (w/ RTC), Sharpness/softness, Off-timer (countdown), Screen saver, Vacation switch, 10-bit gamma, Autobright (signal input), Windows Vista-certified, IR, Portrait-capable, Metal rear cabinet, Handles, Touch- and protective screen-ready, Ambient light sensor, Carbon footprint meter, Colour temperature adjustment (2600-10000K)	
POWER		
Power Requirements	2.1 - 0.9A @ 100 - 240V	2.4 A - 1.2A @ 120-240V
Power Consumption (Typical)	135W	155W
Power Consumption - Standby Mode	<0.5W	<1W
PHYSICAL SPECIFICATIONS		
Bezel Width (L/R, T/B)	0.8 in. / 0.8 in., 21.0 mm / 21.0 mm	
Dimensions (without stand; WxHxD)	41.8 x 24.3 x 2.5 in. (with handle) / 1062.7 x 618.1 x 62.75 mm 41.8 x 24.3 x 1.7 in. (without handle) / 1062.7 x 618.1 x 43.3 mm	49.4 x 28.6 x 2.5 in. (with handle) / 1254.0 x 726.3 x 62.75 mm 49.4 x 28.6 x 1.7 in. (without handle) / 1254.0 x 726.3 x 43.3 mm
Packaging Dimensions (WxHxD)	48.4 x 31.2 x 8.9 in. / 1230.0 x 792.0 x 225.0 mm	56.3 x 36.2 x 9.8 in. / 1430.0 x 920.0 x 250.0 mm
Net Weight	41.7 lbs. / 18.9 kg	52.7 lbs. / 23.9 kg
Gross Weight (without pallet)	55.6 lbs. / 25.2 kg	69.4 lbs. / 33.0 kg
VESA Hole Configuration	300 x 300mm (M6, 4 holes)	
ENVIRONMENTAL CONDITIONS		
Operating Temperature	41-104°F (default brightness) / 5-40°C	
Operating Humidity	20-80% (without condensation)	
ACCESSORIES		
Included	Setup manual, Power cable, Video signal cable, Remote control, AA Battery, Clamps, Screws, CD-ROM, Thumbscrew for optional stand, Option board slot cover, Wall mount adapter, Wall mount adapter screw	
Optional	Stand (ST-4020),Speakers (SP-RM1) Thin wall mount (WM-46S-L,WM-46S-P)	Stand (ST-5220),Speakers (SP-RM1) Thin wall mount (WM-46S-L,WM-46S-P)

● Dimensions

X461S
1062.7
1018.4
572.7
618.1
43.3
(mm)

X551S
1254
1209.6
680.4
726.3
43.3
(mm)
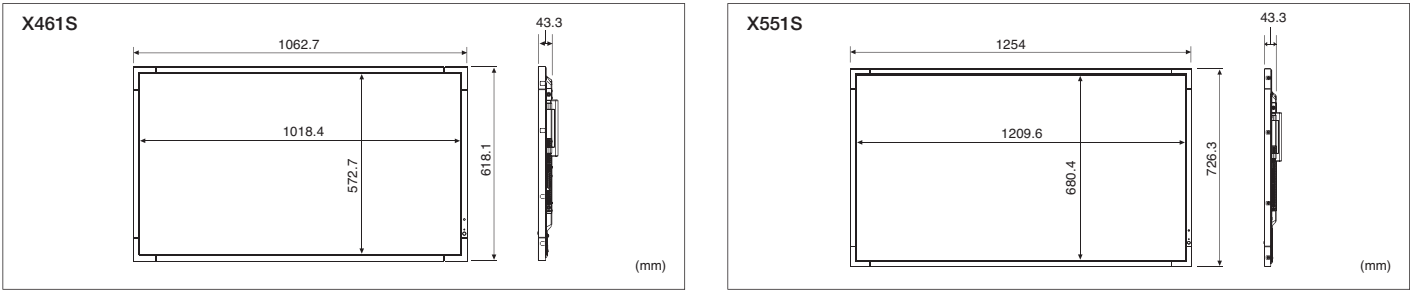
● Options

Thin wall mount
WM-46S-L
(For landscape installation)

Thin wall mount
WM-46S-P
(For portrait installation)

Rear-mount speakers
SP-RM1

WLCD-1106-171D

Super-Slim Professional-Grade Large-Screen LCD

MultiSync® X551S / X461S

Thinner and lighter
for sleek, discreet digital signage

White LED backlight technology enables a super slim and light weight design, providing you with unprecedented layout and installation flexibility

Ultra sleek and lightweight - that's the NEC new super-slim series

The panel can be installed both horizontally and vertically to accommodate various installation requirements. It can also be placed face up embedded on the floor or a table to facilitate more creative digital signage configurations.

An extremely thin and lightweight body

The thin body of 43.3 mm makes digital signage possible without disturbing the aesthetic of the room or the design space, even when mounted on a wall or a pillar. The weight has been reduced by 40%* compared to previous models, which greatly simplifies installation.

Our conventional 55" model
Thickness：150mm
Weight：40kg

X551S
Thickness：43.3mm
Weight：23.9kg

*Reduction rate for 55" models. The reduction rate is 35% for 46" models.

Face-up installation is also possible

The panel can be installed both horizontally and vertically to meet various installation requirements. It can also be placed face up embedded on the floor or a table to deliver contents that is engaging and relevant to the audience.
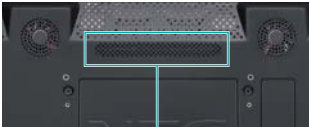
24/7 usage

The professional-grade construction of the panel contributes to 24/7 usage, overall longer panel life, lower likelihood of Mura effect from localized heat, virtually no image retention and the ability to use in landscape or portrait orientation.

10W monaural speaker built-in to easily emit messages

A built-in 10W monaural speaker effectively adds audio to in-store product advertising.

Speaker built into the upper rear of the panel

120Hz compatible, full HD LCD in a slim 20 mm bezel

Full HD (1920×1080) large LCD panel comes in a slim 20 mm bezel. It is also compatible with 120Hz, allowing you to enjoy fast moving images with less image retention.

Conventional panel

120Hz LCD panel

For better expandability and installability

Option slot mounted to extend functions

Installing the Display controller (SBC*) into the expansion slot of the display will allow you to mount the display on a ceiling or a wall without the bother of looking for extra space.

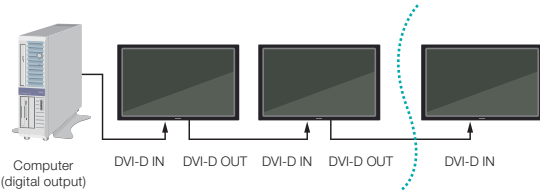*Compatible OPS standardized by Intel Corporation.

SBC
(Compatible with OPS)

With SBC module installed

### Daisy chain function for digital signal

DVI-D IN and DVI-D OUT connectors enable daisy chaining of digital signals preventing signal degradation during transmission.

Computer (digital output)   DVI-D IN   DVI-D OUT   DVI-D IN   DVI-D OUT   DVI-D IN

*The number of connectable units may vary depending on the equipment used, and the use of DVI-D cables and DVI-D splitters.
The number of monitors that can be daisy chained is limited.
Please visit our website for further information at http://www.nec-display.com/ap/

● When switching from a display via a PC to SBC

Video signal cable

● Requires PC installation space, a power supply, and signal cables

PC   LAN

SBC

L A N

LAN
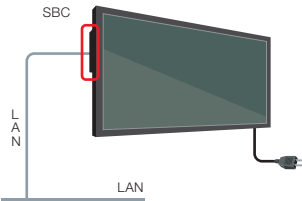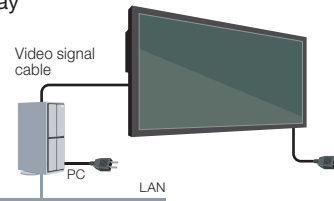
● A slim installation of the display only
● A power source for the display only

Advanced green technologies provide a lower total cost of ownership

The X551S/X461S comes packed with eco-friendly features, decreasing energy consumption, lowering your expenses over the lifecycle of the display and contributing to environmental awareness.

● The panel employs white LED backlight and contains no mercury to minimise the effects on the environment. Furthermore, the energy consumption, and thereby CO_2 emissions, have been reduced by 45%* compared to previous models.
   *Reduction for 55" models. The reduction is 36% for 46" models.

● An ambient light sensor ensures consistent brightness regardless of the lighting conditions, while allowing the user to set the brightness level to a pre-determined lower level to automatically compensate and reduce the brightness, thereby decreasing power consumption.

● A carbon footprint meter helps track and calculate the conservation of green gas emissions in real time.

● Real-time clock/round-the-clock scheduling allows advanced scheduling of monitor powering up/ down, increasing panel lifetime, reducing power consumption and saving the time and expense of finding and purchasing a third-party scheduling solution.

● Terminals

AC IN connector   HDMI connector   DVI-D connector (DVI-D)   VIDEO IN connector (BNC)   EXTERNAL CONTROL (9 pin D-sub)

Kensington Lock
AUDIO OUT
AUDIO IN

AC IN   DisplayPort IN   HDMI IN   DVI-D IN   DVI-D OUT   VIDEO IN   RS-232C IN   RS-232C OUT

Main Power Switch   DisplayPort connector   VGA IN (15 pin Mini D-sub)   LAN port (RJ-45)

External speaker terminal

Internal/External speaker switch