

NEC MultiSync® WD551

LCD 55" Windows Collaboration Display



Connecting Teams! Optimise your meeting spaces for spontaneous creativity

For frictionless meeting experiences, with instant access whether in-room or remote, Sharp/NEC's Windows Collaboration Display MultiSync® WD551 is an all-in-one smart solution for modern meeting spaces.

Supporting "Bring Your Own Meeting (BYOM)" scenarios, users simply connect their own device via the secure USB-C cable to immediately share content and start video meetings using already familiar Microsoft tools, such as Office 365 and Microsoft Teams.

The bezel-free PCAP optically bonded touch screen is easy to clean and provides a superior writing experience whether interacting via finger or active pen, supporting Windows Ink and palm rejection.

With integrated IoT sensors, the WD551 gathers telemetry from its environment such as room occupancy, temperature, ambient light and air quality data, which supports smart building strategies.

Ideal for small meeting spaces encouraging spontaneous meetings, users perform to their full potential with the tools and environment optimised for productive creativity.

Benefits

Bring your own meeting (BYOM) – a simple, unified solution for instant start-up meetings using any device.

Seamless, clutter-free connection – a single secure USB-C cable connects your device with the display to auto sync the builtin camera, speakers, mic, touch and pens.

Certified for Microsoft Teams and more – a frictionless BYOM solution launches video meetings using your preferred conferencing platform.

Natural touch, easy clean – the easy to clean flush screen design reduces parallax for a superb writing experience supporting Windows Ink and palm rejection with two active pens included.

Smart space management – maximise usage of your meeting spaces and maintain optimal environmental parameters. Microsoft Azure and NEC's cloud-based Room Management Service (RMS) draw data from in-built IoT sensors to manage analytics across your meeting spaces.

MODEL	NEC MultiSync® WD551	
Display	Panel Technology	IPS with Direct LED backlights
	Screen Size (inch/cm)	55" / 138.78 cm
	Native Resolution	3840 x 2160
	Brightness	400 cd/m², 300 cd/m²(shipment setting)
	Contrast Ratio (Typical)	1200:1 native, not including local dimming
	Aspect Ratio	16:09
	Color Gamut	72% NTSC
	Displayable Colors	8bits + FRC
	Orientation	Landscape
	Panel Haze (%)	4 ~ 10
CONNECTIVITY	Input Terminals	1 x HDMI (with HDCP); 2 x USB-C (with HDCP, 65 W); 1 x LAN 100Mbit; 1 x RS232; 1 x USB 2.0 (Type-A Downstream); 1 x USB 3.0 (Type-B Upstream); 2 x USB 3.0 (Type-A Downstream)
	Data	1 x USB 2.0 (Type-A Downstream); 1 x USB 3.0 (Type-B Upstream); 2 x USB 3.0 (Type-A Downstream)
POWER CONSUMPTION	On mode, Eco (shipment setting)	155W
	On mode Max. (All function work)	371 W
	Normal Standby	0.5W
PHYSICAL SPECIFICATIONS	Current Rating	4.2A @100V; 1.7A @240V
	Speaker Rating	Stereo 12W + 12W, Sub woofer 15W
	Bezel Width (L/R, T/B)	Edge-to-edge flush design (no bezel)
	Net Dimensions (Without stand; W x H x D)	1,266 x 856.7 x 85.1 mm / 49.82 x 33.73 x 3.35 inch
	Net Weight (Without Stand)	31.2 kg / 68.78 lbs
	Supported Operating System	Adroid; Linux; Mac OS; Windows
SENSORS	VESA Hole Configuration	4 holes; 400 x 200 (FDMI); M8
	Room Sensors	Air Quality (VOC) Sensor; Ambient Light Sensor; Humidity Sensor; Presence Sensor (H angle: 160°, V angle: 75°, Distance: 4 m); Temperature Sensor
ENVIRONMENTAL CONDITIONS	Operating Temperature	0°C to 40°C
	Operating Humidity	10 to 90%
	Operating Altitude	16404ft
Touch	Touch Technology	PCAP
	Number of Touches	Real multi-touch up to 10 touches
	Touch Method	Active Stylus; Conductive Passive Stylus (≥ 8 mm); Finger
	Palm Rejection	Yes
	Video Conference Camera	Viewing Angle
Microphone/Echo-Cancelling	Resolution	Output HD 3840p; 30fps
	Array	Built-in 6 array
ADDITIONAL FEATURES	Special Characteristics	Collaboration Display; Microsoft Teams Certified
	Safety and Ergonomics	EMC Class B
	Operating Hours	16/7
SHIPS WITH	1x 180 cm USB-C Cable 1; 2 x Active Stylus; 2x AAA batteries; Bracket for Pen Charger; Cable Clamps; Display; Pen Charger; Power Cable; Remote Control; Setup Manual	
Optional Cart Stand	ST-CS61-S	
Optional Wall Mount	ST-WM50	
LIMITED WARRANTY	3 years	



Product specifications subject to change.

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