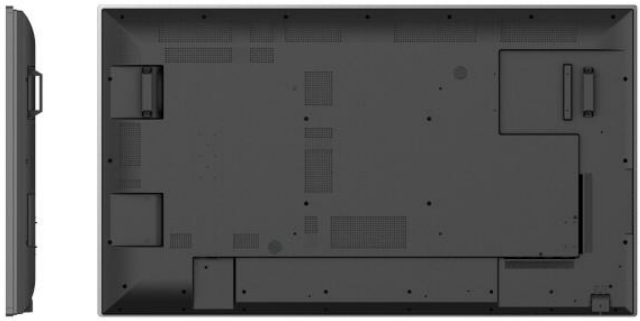
\Orchestrating a brighter world

NEC

MultiSync® E651-T (Infrared Touch)

LCD 65" Touch Large Format Display

Datasheet



Enter the world of interactive whiteboarding

This 65'' touch display offers true multi-touch with up to ten touch points. Experience perfect usability and quick touch response based on infrared touch technology. Use this whiteboard solution Plug & Play right out of the box. Coated with anti-glare, your fingerprints are minimised on the secure protective glass surface. A free DisplayNote Multi-user license turns the screen into a true collaboration tool. Present, share and collaborate with up to five participants bringing their own devices! Our E651-T is the interactive whiteboard which is turning your classroom into a future learning space.

Benefits

Multi-Touch – true multi-touch support with up to 10 simultaneous touch points.

Protective Glass – premium toughended glass protects the security of the panel yet delivers a perfect touch experience with anti-glare coating to minimise reflections and fingerprints.

Simple Plug & Play – easy set-up without the need to install any drivers on the host PC for all major operating systems.

Product Information

Product Name	MultiSync® E651-T (Infrared Touch)
Product Group	LCD 65" Touch Large Format Display
Order Code	60004181

Display

Panel Technology	S-PVA with direct LED backlight
Active Screen Area (W x H) [mm]	1,428.5 x 803.5
Screen Size [inch/cm]	65 / 163.9
Aspect Ratio	16:9
Brightness [cd/m²]	400 (450 native panel)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	89 / 89 (at contrast ratio > 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	11
Supported Orientation	Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50 - 80

Resolution

Native Resolution	1920 x 1080
Supported Resolutions	1920 x 1080; 1600 x 1200; 1400 x 1050; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 768; 1280 x 720; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 720 x 350; 640 x 480

Connectivity

Input Video Analogue	1 x VGA
Input Video Digital	3 x HDMI
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	3 x HDMI
Output Audio Analogue	1 x 3,5 mm jack

Electrical

Power Consumption [W]	140 Eco (shipment setting), 190
Power Savings Mode [W]	< 0.5 (ECO Standby)
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	10 to 80
Storage Humidity [%]	10 to 80
Storage Temperature [°C]	-10 to +60

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,489.5 x 864.5 x 86.7
Weight [kg]	42.2
Bezel Width [mm]	30 (top and bottom); 30.2 (left and right)
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8

Glass

Thickness [mm]	4
Type	Thermal-tempered, anti-glare coating
Light Transmission [%]	89 (+/- 1 %)

Touch

Touch Technology	Infrared Touch
Number of Touches	Real multi-touch up to 10 touches
Touch Method	Finger; Gloves; Stylus (≥ 5 mm)
Supported Operating System	Android; Linux; Raspberry Pi; Windows
Data Interface	USB-HID
Touch Resolution	32767 x 32767

Additional Features

Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; EAC; FCC; PSB; REACH; RoHS; SASO; TÜV GS; TÜV S; UL/C-UL or CSA
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	CD-ROM (User Guides/Manuals); Display; Power Cable; Remote Control; User Manual
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
Operating Hours	16/7

Available Options

Accessories	Trolley (PD02MHA, PD03MHA); Wall mount (PD02WHA, PD02W T L L, PD03W T M P, PDW T XL)

Green Features

Energy Efficiency	Energy efficiency class: B

CE RoHS TÜV GS

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