

Product Information

Product Name	NEC MultiSync® M651 IGB
Product Group	LCD 65" InGlass™ Touch Display
Order Code	60005426

Display

Panel Technology	IPS with Direct LED backlights
Screen Size [inch/cm]	65 / 163.9
Aspect Ratio	16:9
Brightness (without glass) [cd/m²]	500
Contrast Ratio (default)	> 8000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Colour Depth [bn]	1.076 (10bit)
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	Pro (28)
Supported Orientation	Face Up ¹ ; Landscape; Portrait

Touch

Touch Technology	InGlass™
Number of Touches	Real multi-touch up to 20 touches
Response Time [ms]	≤ 15
Touch Method	Finger; Gloves; Stylus (≥ 2 mm)
Supported Operating System	Native Multi-Touch: Windows 7, Windows 8, Windows 10, Linux, Android; Default Mouse: Windows XP, Windows Vista, Mac OS X; Raspberry Pi
Data Interface	USB-HID
Accuracy [mm]	< 1
Windows Ink	yes
Palm Rejection	yes

Glass

Type	Premium toughened glass, anti-glare coating
Thickness [mm]	3
Hardness [H]	7

Resolution

Native Resolution	3840 x 2160			
Supported Resolutions	1024 x 768; 1280 x 1024; 1280 x 720; 1360 x 768;	1366 x 768; 1400 x 1050; 1440 x 900; 1600 x 1200;	1650 x 1050; 1900 x 1200; 1920 x 1080; 1920 x 2160;	2560 x 1440; 2560 x 1600; 3840 x 2160; 4096 x 2160

Synchronisation Rate

Horizontal Frequency [kHz]	26 - 91.1
Vertical Frequency [Hz]	23 - 86

Connectivity

Input Video Digital	1 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)
Input Audio Digital	1 x DisplayPort; 2 x HDMI

Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Input Data	1 x USB 2.0 (MediaPlayer)
Output Audio Analogue	1 x 3,5 mm jack
Input Detect	Custom; First; Last

Open Modular Intelligence

Intel® SDM	accepts Intel® Smart Display Modules Large and Small up to 66 W
Compute Module Slot	RPi Compute Module 4

Sensors

Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
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Electrical

Power Consumption [W]	120 shipping
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS
Power Supply	100-240 V AC; 50/60 Hz; internal

Environmental Conditions

Operating Temperature [°C]	+0 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to 60

Mechanical

Dimensions (W x H x D) [mm]	1,501.3 x 879 x 73.2
Weight [kg]	53.5
Bezel Width [mm]	18.5 (left and right); 18.5 (top and bottom)
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8
Ingress Protection	IP5x (front); IP2x (back)
Packaging Dimensions (W x H x D) [mm]	Box 1: 1,736 x 1,033 x 280
Packaging Weight [kg]	Box 1: 65

MediaPlayer

Supported File Storage / File System	USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640
Supported Video Formats	MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s

Pre-installed Applications

Free Software Included	FlatFrog Board for Rooms (1 year) - free download
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Available Options

Accessories	Presence Sensor (KT-RC3); Soundbar (SP-ASCM-IQ2; SP-ASCM-2); Speaker (SP-RM3a); Wall mount (PDW T XL-2)
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Green Features

Energy Efficiency	Energy consumption: 116 kWh/1000 h; LED backlight
Ecological Standards	EnergyStar 8.0

Additional Features

Special Characteristics	DICOM Simulation; HDMI ARC; Powered USB Port (10 W)
Safety and Ergonomics	CE; EAC; RoHS
Pixel Failure Class	ISO 9241-307, Class 1
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	2 x Stylus; 2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual; USB cable
Warranty	3 years warranty incl. backlight; additional services available
Operating Hours	24/7
External Control	AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP
Remote Management	Automated Email Alerts; NEC NaViSet Administrator 2
Security	Disable HW Buttons; Disable IR Functionality; Emergency Notification

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support



RoHS



CE

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