

LCD 55" Essential Large Format Display

NEC MultiSync® E557Q



Enter the world of digital signage

You can now enjoy all the benefits of an NEC display while keeping your price-conscious approach to spending. The E Series is the perfect introduction to the world of professional digital signage. Bring NEC's renowned performance and dependable quality into your meeting room or retail space and see just how seamlessly it will meet your digital signage needs.

The E Series impressively displays your retail content and is easy enough to use in daily meetings. You'll enjoy the MediaPlayer's native UHD content playback – which can be used automatically via the integrated playback tool. The 10W powered USB interface that lets you power external devices like the Raspberry Pi to upgrade the computing power of the display. For instant meeting start-ups, the display comes equipped with auto wake-up, which wakes up the screen once a notebook is connected. The NaViSet Administrator 2 is engineered to provide remote support, supporting E Series displays from 7th generation onwards.

Benefits

Reduced Installation and Operating Costs – highly energy efficient LED backlit display ensures low power consumption, longer backlight lifetime and lighter design for easy transportation, mounting and integration.

Slim Design and Integrated Speakers – the aesthetic design is pleasing to the eye and enables easy, low cost installation.

Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

Standalone operation – the display is designed for straightforward standalone operation due to integrated USB media player, speakers and scheduling functionality.

Effortless content playback – the integrated USB media player supports various image video file formats for effortless and standalone content playback.

Specifications

Product Information

Product Name

NEC MultiSync® E557Q

Product Group

LCD 55" Essential Large Format Display

Order Code

60004552

Display

Panel Technology

VA with Direct LED backlights

Active Screen Area (W x H) [mm]

1,210 x 680

Screen Size [inch/cm]

54.6 / 139

Aspect Ratio

16:9

Pixel Pitch [mm]

0.315

Brightness [cd/m²]

350

Contrast Ratio (typ.)

4000:1

Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 20:1)

Response Time (typ.) [ms]

8

Panel Refresh Rate [Hz]

60

Haze Level [%]

Standard (2)

Supported Orientation

Landscape

Resolution

Native Resolution

3840 x 2160

Supported Resolutions

1024 x 768;	1280 x 800;	640 x 480;
1280 x 1024;	1920 x 1080;	800 x 600
1280 x 720;	3840 x 2160;	

Supported on HDMI only

1080i (50 Hz);	1080p (30 Hz);	576i (50 Hz);
1080i (60 Hz);	1080p (60 Hz);	576p (50 Hz);
1080p (0 Hz);	480i (60 Hz);	720p (50 Hz);
1080p (24 Hz);	480p (60 Hz);	720p (60 Hz)

Synchronisation Rate

Horizontal Frequency [kHz]

15 - 134

Vertical Frequency [Hz]

23 - 70

Connectivity

Input Video Analogue

1 x VGA; Component (RCA); Composite (RCA)

Input Video Digital

3 x HDMI

Input Audio Analogue

1 x 3,5 mm jack

Input Audio Digital

3 x HDMI

Input Control

LAN 100Mbit; RS232

Output Audio Analogue

1 x 3,5 mm jack

Output Audio Digital

1 x SPDIF

Remote Control

Remote Control IR; RS-232C (9-pin D-sub) Input

Sensors

Ambient Light Sensor

Integrated, triggered actions programmable

Electrical

Power Consumption [W]

110 shipping

Power Savings Mode [W]

< 0.5 (ECO Standby)

Environmental Conditions

Operating Temperature [°C]

+0 to +40

Operating Humidity [%]

10 to 80

Storage Humidity [%]

5 to 85

Storage Temperature [°C]

-10 to +60

Mechanical

Dimensions (W x H x D) [mm]

Without stand: 1,239 x 712 x 79

Weight [kg]

Without stand: 15

Bezel Width [mm]

12.9 (left, right and top); 14.7 (bottom)

VESA Mounting [mm]

4 holes; 400 x 200 (FDMI); M6

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 Audio Formats

MP3 (MP3); max. bit-rate 320 kBit/s

Supported Video Container Formats

MPG, MPEG, MPEG2-TS, MPEG2-PS, MP4, MKV, AVI, Motion JPEG

Supported Video Codecs

MPEG1, MPEG2, H.263, H.264, H.265, WMV

Supported Audio Codecs (Video)

LPCM, MP3, AC-3, AAC, WMA Standard, WMA 9 Professional

Available Options

Accessories

Feet (ST-43E); Trolley (PDMHM-L); Wall mount (PDW S 32-55L)

Regulatory

Safety and Ergonomics

EMC Class B; FCC; PSB; RCM; TÜV S; UL/C-UL; VCCI

Green Features

Energy Efficiency

Energy consumption: 93 kWh/1000 h; Energy efficiency class: G; LED backlight

Ecological Standards

EnergyStar 8.0

Additional Features

Special Characteristics

Ambient Light Sensor; Audio settings with equalizer; CEC Support; Colour temperature mode; Crestron RoomView Support; Display Browser Control; Energy saving picture mode; HDMI with UHD at 60 Hz; HDR Gamma Support (HLG, PQ); Mac and Windows compatible; NaViSet Administrator 2 - free download; Powered USB-Port; Retail picture mode; Scheduler; SNMP Support; USB Media Player

Colour Versions

Black Front Bezel, Black Back Cabinet

Audio

Integrated Speakers (10 W + 10 W)

Shipping Content

Display; HDMI Cable; Power Cable; Remote Control

Warranty

3 years warranty incl. backlight

Operating Hours

16/7



RCM



VCCI

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