

Entry-level Large-format LCDs by NEC

MultiSync[®] E657Q / E557Q / E507Q / E437Q / E327

LED-Backlit, 4K UHD Commercial-Grade LCDs Ideal for Education, Corporate and Digital Signage Applications

Highlights

The Essentials

NEC's new E-series, a direct-LED-lit, commercial-grade display, is ideal for education, corporate and other digital signage applications. Compared to previous generation displays, this new series' 4K UHD resolution^{*1} and HDR support^{*2} with direct LED backlighting allows for higher visual acuity, reduced power consumption and localised dimming that gives a higher dynamic contrast ratio. This series has an integrated LAN network function and dual 10W speakers^{*3} that allow users to enjoy a wide variety of application capabilities. These displays also feature a USB player in which video, audio or JPEG picture files can be loaded and played in a desired order.

*1 E327 is Full HD
*2 Supports HDR 10 signal input
*3 E327 has 5 W speakers

The Extras

- 4K UHD resolution allows for high end visual acuity
- Integrated multimedia USB player makes digital signage simple
- Direct LED backlighting reduces power consumption while localised dimming gives a greater dynamic contrast ratio
- Thinner bezel improves display's aesthetics
- 24-Hour On/Off timer with real time clock maintains power schedules
- Video signal wake-up function allows for plug and play functionality
- Built-in, low-profile 10 W speakers^{*3} enhance the experience with superior sound
- NaViSet Administrator2, Crestron Room View / Crestron Control are provided as standard
- Powered USB Ports supply devices power directly (5V / 2A max)
- An integrated ambient light sensor manages auto dimming

4K UHD

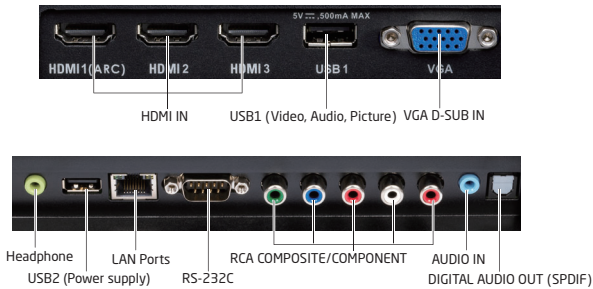


Specifications

MODEL	E657Q	E557Q	E507Q	E437Q	E327	
LCD Module:	65"/1,639 mm diagonal	55"/1,388 mm diagonal	50"/1,257 mm diagonal	43"/1,080 mm diagonal	32"/801 mm diagonal	
Resolution Colour Brightness	3,840 x 2,160 Over 1.07 billion colours (depending on video card used) 350 cd/m ² (Typ.)				1,920 x 1,080 Over 16 million colours (see left) 350 cd/m ² (Typ.)	
Viewable Size	1,428.5 (H) x 803.5 (V) mm	1,209.6 (H) x 680.4 (V) mm	1,095.8 (H) x 616.4 (V) mm	941.2 (H) x 529.4 (V) mm	698.4 (H) x 392.9 (V) mm	
Orientation	Landscape					
Input Signal						
COMPONENT ¹	Component RCA, 1.0 V p-p / 75 ohm, Pb/Pc (Cb/Cr), 0.7 V p-p / 75 ohm					
AV IN ¹	Composite RCA, 1.0 V p-p / 75 ohm					
VGA	Analog RGB Mini D-sub 15 pin, 0.7Vp-p / 75 ohm					
HDMI	Digital YUV Digital RGB Type A Connectors HDMI (HDCP 1.4 / 2.2)				Type A Connectors HDMI (HDCP 1.4)	
Audio						
AUDIO IN	Analog Audio Input Stereo mini jack, Stereo L/R 0.5 Vrms					
AUDIO L / R	Analog Audio Input RCA, 0.5 Vrms					
HDMI	Digital Audio Input Type A Connectors					
SPDIF OUT	Digital Audio Output Fibre optic					
Headphone	Analog Audio Output Stereo mini jack, Stereo L/R 0.5 Vrms					
Speaker Output	Internal Speaker 10 W + 10 W (6 ohm)				5 W + 5 W (6 ohm)	
Control ²	RS-232C LAN		9 Pin D-sub RJ-45, 10BASE-T/100 BASE-TX			
USB 1 USB 2	USB Power supply port Type A Connectors, DC 5 V / 500 mA Type A Connectors, DC 5 V / 2 A					
Power Supply	Auto Power save mode ³ Auto Standby mode ³ Power consumption	1.9 A - 0.8 A @ 100 - 240 V AC, 50/60 Hz	1.8 A - 0.8 A @ 100 - 240 V AC, 50/60 Hz	1.7 A - 0.7 A @ 100 - 240 V AC, 50/60 Hz	1.4 A - 0.6 A @ 100 - 240 V AC, 50/60 Hz	0.8 A - 0.4 A @ 100 - 240 V AC, 50/60 Hz
		< 2.0 W				
		< 0.5 W				
Operational Environment	Temperature Humidity Altitude	0 to 40°C 10 ~ 80% (without condensation) 0 to 5,000 m				
Storage Environment	Temperature Humidity	-10 to 60°C 5% to 85% (without condensation)				
Dimension (W x H x D)	with Stand base	1,462.2 x 881.3 x 350 mm	1,239.2 x 749.6 x 255 mm	1,123.6 x 683.7 x 255 mm	968.1 x 596.3 x 255 mm	726.7 x 461.1 x 255 mm
	without Stand base	1,462.2 x 842.3 x 96.7 mm	1,239.2 x 711.6 x 79.2 mm	1,123.6 x 646.7 x 77 mm	968.1 x 559.4 x 76.8 mm	726.7 x 424.3 x 79.8 mm
Weight	with Stand base	24.6 kg	15.5 kg	12.9 kg	9.4 kg	5.8 kg
	without Stand base	23.8 kg	15.0 kg	12.4 kg	8.9 kg	5.3 kg
VESA compatible mounting interface	400 mm x 200 mm (M6, VESA hole depth 17 mm)		400 mm x 200 mm (M6, VESA hole depth 17 mm)	400 mm x 200 mm (M6, VESA hole depth 17.5 mm)	200 mm x 200 mm (M6, VESA hole depth 14.5 mm)	100 mm x 100 mm (M4, VESA hole depth 16 mm)
Plug & Play	VESA DDC2B					
Accessories	Remote control, 1.5 V AAA batteries, Power cord (3.0m), HDMI cable (2.0m), Setup Manual					

*1 and *2: Only one can be used at a time. *3: On by default

Terminals



Data formats supported for a USB storage device

Supported file systems	FAT16 / FAT32, NTFS	
Maximum folder layer	9	
Image	Maximum	997 images
	Data format	JPEG, JPG, JPE
Audio	Audio codec	MP3
Video	Video codec	MPEG1, MPEG2, H.263, H.264, H.265, WMV
	Audio codec	LPCM, MP3, AC-3, AAC, WMA standard WMA 9 Professional

*Only USB mass storage devices can be used.
 *Display of JPEG images modified by a computer may not be possible.
 *Playback of some videos may not be possible.
 *Playback of each data format has its own limitations.
 For details, see the website or the user's manual.

Optional table top stand design



E657Q with ST-65E

E557Q with ST-43E
 E507Q with ST-43E
 E437Q with ST-43E
 E327 with ST-32E



NEC is a registered trademark of NEC Corporation.
 MultiSync and NaViSet are trademarks or registered trademarks of NEC Display Solutions, Ltd. in Japan, the United States and other countries.
 The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.
 CRESTRON and CRESTRON ROOMVIEW are trademarks or registered trademarks of Crestron Electronics, Inc.
 VESA is a trademark of a nonprofit organization, Video Electronics Standard Association.
 Manufactured under license from Dolby Laboratories.
 Dolby, Dolby Audio and the double-D symbol are trademarks of Dolby Laboratories.
 All other trademarks are the property of their respective owners.
 The images in this brochure are samples.
 All specifications are subject to change without notice. December, 2018

<https://www.nec-display.com/ap/>

