

Preliminary product information brochure

E657Q / E557Q / E507Q / E437Q



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

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 and HOR support 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 that allow users to enjoy a wide variety of application capabilities. The new E series is warranted for 16/7 usage.

These displays also feature a USB player in which video, audio or JPEG picture files can be loaded and played in a desired order.

The Extra

- 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 enhance the experience with superior sound

- NaViSet Administrator 2, Crestron Room View / Crestron Control are provided as standard
- Powered USB Ports supply devices power directly (SV / ZA max)
- An integrated ambient light sensor manages auto dimming

Specifications

MODEL	E657Q	E557Q	E507Q	E437Q	
LCD Module:	65"/1,639 mm diagonal	55"/1,398 mm diagonal	50"/1,257 mm diagonal	43"/1,080 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.)				
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	
Orientation	Landscape				
Input Signal					
COMPONENT ^{*1}	RCA, 1.0 V p-p / 75 ohm, Pb/Pb (Cb/Cr), 0.7 V p-p / 75 ohm				
AV IN ^{*1}	RCA, 1.0 V p-p / 75 ohm				
VGA	Mini D-sub 15 pin, 0.7V p-p / 75 ohm				
HDMI	Digital YUV Digital RGB Type A Connectors HDMI (HDCP 1.4 / 2.2)				
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)				
Control ^{*2}	RS-232C LAN 9 Pin D-sub RJ-45, 10 BASE-T/100 BASE-TX				
USB 1	USB Type A Connectors, DC 5 V / 500 mA				
USB 2	Power supply port Type A Connectors, DC 5 V / 2 A				
Power Supply	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	
	Auto Power save mode ^{*3} < 2.0 W				
	Auto Standby mode ^{*3} < 0.5 W				
	175 W	165 W	150 W	135 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
	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
Weight	with Stand base	24.6 kg	15.5 kg	12.9 kg	9.4 kg
	without Stand base	23.8 kg	15.0 kg	12.4 kg	8.9 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)				
Plug & Play	VESA DDC2B				
Accessories	Remote control, 1.5 V AAA batteries, Power cord (3.0 m), HDMI cable (2.0 m), Setup Manual				

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

Terminals



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