

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

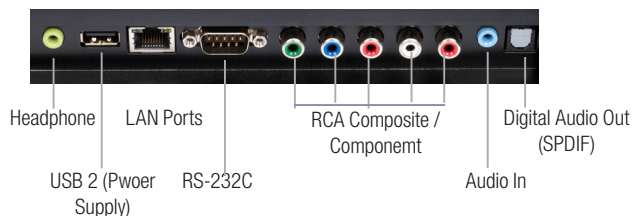
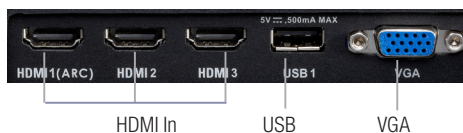
- NaViSet Administrator 2, Crestron Room View / Crestron Control are provided as standard
- Powered USB Ports supply devices power directly (SV / ZA max)
- An integrated ambient light sensor manages auto dimming

Specifications

MODEL			E657Q	E557Q	E507Q	E437Q
LCD Module:			65"/ 1,639 mm diagonal	55"/ 1,388 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/m2 (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	Component	RCA, 1.0 V p-p / 75 ohm, Pb/Pr (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)			
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			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 2			USB Power supply port Type A Connectors, DC 5 V / 500 mA 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 Auto Standby mode*3 Power consumption			
Operational Environment			0 to 40°C 10 ~ 80% (without condensation) 0 to 5,000 m			
Storage Environment			-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	
			without Stand base		1,462.2 x 842.3 x 96.7 mm	
Weight			with Stand base		24.6 kg	
			without Stand base		23.8 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 17.5 mm)	
Plug & Play			VESA DDC2B			
Accessories			Remote control, 1.5 V AAA batteries, Power cord (3.0 m), HDMI cable (2.0m), Setup Manual			

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

Terminals



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