Panasonic CONNECT

CQE2 Series
4K UHD LCD DISPLAYS

98-inch class	TH-**98CQE2U**	86-inch class	TH-**86CQE2U**	55-inch class	TH-**55CQE2U**
75-inch class	TH-**75CQE2U**	50-inch class	TH-**50CQE2U**
65-inch class	TH-**65CQE2U**	43-inch class	TH-**43CQE2U**

4K Entry Displays in Seven Sizes that Flexibly Match Corporate Meeting Rooms/Educational Use

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■ Main Features

4K PROFESSIONAL
Actual resolution: 3840 x 2160p

24/7 Operation (98CQE2 only)

16h Operation

USB 4K Media Player

Portrait

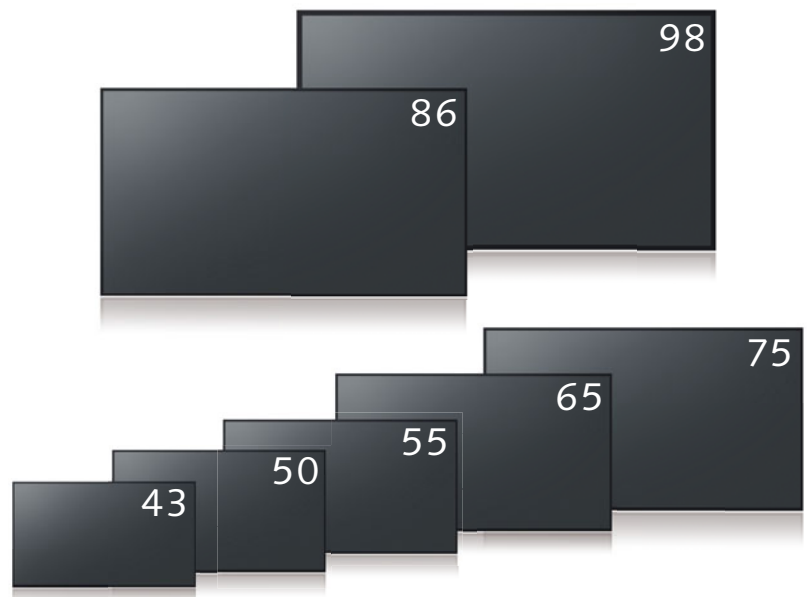**WIRELESS**

ATSC Tuner

01 | High image quality

The 4K LCD that projects detailed content clearly with 500 cd/m² brightness and wide viewing panel suitable for use in corporate conference rooms and educational facilities.

02 | Reliability and ease of installation

Enables 16 hours/day continuous operation. Equipped with 4 HDMI™, USB-C (15W), 3 USB-A, it can be easily installed without converters and switchers.
CQE2U series are equipped with built-in TV tuner.

03 | System scalability

CQE2 series is equipped with Android™ OS, so possible to operate digital signage without STB/PC. Equipped with Wi-Fi functionality to wirelessly display images on the display from a PC or Android™ device[1].

1: Windows® 10 PC or Android device with wireless functionality. Operation is not guaranteed on all devices.

	TH-98CQE2U	TH-86CQE2U	TH-75CQE2U	TH-65CQE2U	TH-55CQE2U	TH-50CQE2U	TH-43CQE2U
Screen Size	98-inch class	86-inch class	75-inch class	65-inch class	55-inch class	50-inch class	43-inch class
Brightness	500 cd/m²	400 cd/m²			500 cd/m²		
Panel Surface Treatment	Anti-glare (Haze 25 %)	Anti-glare (Haze 3 %)	Anti-glare (Haze 1 %)			Anti-glare (Haze 3 %)	Anti-glare (Haze 1 %)
Resolution	4K (3840 x 2160)						
Operating Time	24 h/day	16 h/day					

Available in 7 wide sizes from 43-inch to 98-inch

Choose the right size according to your needs, from a large meeting room to a huddle space for a small group of people to stand around and talk. In addition, the built-in speaker allows for efficient use of the installation space.

500 cd/m² for easy viewing in bright rooms[1]

This series has a wide viewing angle that allows content to be displayed clearly even in brightly lit rooms. Information can be shared smoothly without any change in visibility no matter where you are seated.

1: TH-86CQE2U/75CQE2U: 400 cd/m²

Built-in Tuner

The CQE2 can be used as a TV or a display for presentation or information purposes, flexibly adapting to offices, schools, and sports bars.

Specifications ** Design and specification subject to change without notice.*

Model		TH-98CQE2U	TH-86CQE2U	TH-75CQE2U	TH-65CQE2U	TH-55CQE2U	TH-50CQE2U	TH-43CQE2U
Panel	Panel size	98-inch class (97.51-inch/2476.9 mm)	86-inch class (85.60-inch/2174.2 mm)	75-inch class (74.51-inch/1892.7 mm)	65-inch class (64.52-inch/1638.9 mm)	55-inch class (54.63-inch/1387.8 mm)	50-inch class (49.50-inch/1257.3 mm)	43-inch class (42.51- inch/1079.8 mm)
	Effective display area (W x H)	2158.8 x 1214.3 mm (84.99" x 47.80")	1895.0 x 1065.9 mm (74.60" x 41.96")	1649.6 x 927.9 mm (64.94" x 36.53")	1428.4 x 803.5 mm (56.23" x 31.63")	1209.6 x 680.4 mm (47.62" x 26.78")	1095.8 x 616.4 mm (43.14" x 24.26")	941.1 x 529.4 mm (37.05" x 20.84")
	Resolution	3840 x 2160						
	Brightness (typ.)	500 cd/m²	400 cd/m²		500 cd/m²			
	Contrast	1200:1					5000:1	1200:1
	Viewing angle [(T/B)/(L/R)]	178°/178° (CR>10)						
	Panel surface treatment	Anti-glare (Haze 25 %)	Anti-glare (Haze 3 %)	Anti-glare (Haze 1 %)			Anti-glare (Haze 3 %)	Anti-glare (Haze 1 %)
Terminals	HDMI™ IN	HDMI™ x 4 (compatible with HDCP2.2)						
	USB	Type A: DC 5 V/max. 0.9 A, USB 3.0 is supported, Type A: DC 5 V/max. 0.5 A, USB 2.0 is supported, Type A: DC 5 V/max. 0.5 A, USB 2.0 is supported (Internal), Type C: DC 5 V/max. 3.0 A, USB 3.0 is supported, DisplayPort Alternate mode compatible						
	RF In (U model only)	F Connector x 1						
	microSD	microSD/SDHC/SDXC / MAX 1 TB						
	Serial IN	Stereo mini jack (φ3.5 mm) x 1, RS-232C Compatible						
	LAN	RJ45 x 1, compatible with PJLink™ 10BASE-T/100BASE-TX						
	IR IN	Stereo mini jack (φ3.5 mm) x 1						
	Slot	No						
	Wi-Fi	Yes (Dongle)		Yes (Built-in)				
	Bluetooth®	Yes (Dongle)		Yes (Built-in)				
	Audio OUT	Stereo mini jack (φ3.5 mm) x 1, SPDIF x 1						
HTML browser		HTML5 (Vwed)						
Android™-OS		Yes						
Operating time[1]		24 h/day	16 h/day					
Orientation		Landscape/Portrait						
Tilt angle[2]		0-20 degrees forward and backward with landscape/portrait setting	0-20 degrees forward with landscape setting					
Built-in speaker		24 W			20 W			16 W
Power supply		AC 110-127V 50 Hz/60 Hz, 6.7 A	AC 110-127V 50 Hz/60 Hz, 3.8 A	AC 110-127V 50 Hz/60 Hz, 2.7 A	AC 110-127V 50 Hz/60 Hz, 2.6 A	AC 110-127V 50 Hz/60 Hz, 1.9 A	AC 110-127V 50 Hz/60 Hz, 1.7 A	AC 110-127V 50 Hz/60 Hz, 1.8 A
Power consumption		445 W (Shipping Condition)	235 W (Shipping Condition)	170 W (Shipping Condition)	160 W (Shipping Condition)	110 W (Shipping Condition)	100 W (Shipping Condition)	110 W (Shipping Condition)
On mode average power consumption[3]		410 W (Picture Mode: [Natural])	225 W (Picture Mode: [Natural])	165 W (Picture Mode: [Natural])	160 W (Picture Mode: [Natural])	110 W (Picture Mode: [Natural])	95 W (Picture Mode: [Natural])	110 W (Picture Mode: [Natural])
Power off condition		Approx. 0 W						
Stand-by condition		Approx. 0.5 W						
Dimension (WxHxD) (Excluding remote IR sensor)		2216 x 1271 x 91 mm (87.25" x 50.02" x 3.55")	1929 x 1100 x 80 mm (75.91" x 43.28" x 3.13")	1684 x 968 x 100 mm (66.28" x 38.09" x 3.92")	1456 x 835 x 96 mm (57.32" x 32.84" x 3.78")	1236 x 710 x 68 mm (48.64" x 27.92" x 2.67")	1121 x 646 x 68 mm (44.12" x 25.43" x 2.66")	964 x 555 x 68 mm (37.92" x 21.85" x 2.66")
Weight		99.4kg/219.2 lbs	61.7kg/136.1 lbs	36.8 kg/81.2 lbs	24.6 kg/54.3 lbs	17.9 kg/39.5 lbs	13.4 kg/29.6 lbs	10.3 kg/22.7 lbs
Bezel width		28.2 mm (1.11") (T/R/L/B)	15.3 mm (0.6") (T/R/L/B)	15.7 mm (0.62") (T/R/L), 21.5 mm (0.85") (B)	12.9 mm (0.51") (T/R/L), 16.1 mm (0.63") (B)	8.4 mm (0.33") (T/R/L), 12 mm (0.47") (B)	10 mm (0.39") (T/R/L), 15.5 mm (0.61") (B)	11 mm (0.43") (T/R/L), 13.8 mm (0.54") (B)
Wall-hanging pitch		800 x 400 mm, M8	600 x 400 mm, M8		600 x 400 mm, M6	400 x 400 mm, M6	200 x 200 mm, M6	
Operating environment		Temperature: 0 °C to 40 °C (32 °F to 104 °F)/Humidity: 20-80 % (Non condensation)/for up to 0-1400 m (4593 ft) altitude. Temperature: 0 °C to 35 °C (32 °F to 95 °F)/Altitude 1400 -2800 m (4593 ft to 7874 ft)						

1: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.
2: Please contact your sales representative with regard to the tilt angle before installation. 3: Based on IEC 62087 Ed.2 measurement method.

Optional Accessories

• **Early Warning Software**[1]
ET-SWA100/105 Series[2]

1: Multi Monitoring & Control Software ver.2.1 or later required.
2: Part number suffix may differ depending on the license type.

Software

• **Multi Monitoring & Control Software (Free)**
*Windows® only. *Functional differences from conventional models

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For more information about Panasonic Professional Displays, please visit:

Display Global Website – **https://panasonic.net/cns/prodisplays**
Facebook – **www.facebook.com/panasonicprojectoranddisplay**
YouTube – **www.youtube.com/user/PanasonicProDisplay**

Note: Following the shift of the Panasonic Group to a holding company system, the Connected Solutions Company of the Panasonic Corporation has changed to Panasonic Connect Co., Ltd. as of April 1, 2022.

All information included here is valid as of September 2023.