

# Panasonic

## BUSINESS

# CQ1 Series

4K UHD LCD DISPLAY

86-inch TH-86CQ1W 55-inch TH-55CQ1W  
 75-inch TH-75CQ1W 50-inch TH-50CQ1W  
 65-inch TH-65CQ1W 43-inch TH-43CQ1W

\*Availability varies depending on model



4K Entry Displays in 6 Sizes Enhance Presentation Effect



### Main Features



Actual resolution: 3840 x 2160p

TH-86CQ1/75CQ1 only

### 01 | Detailed Clear Images

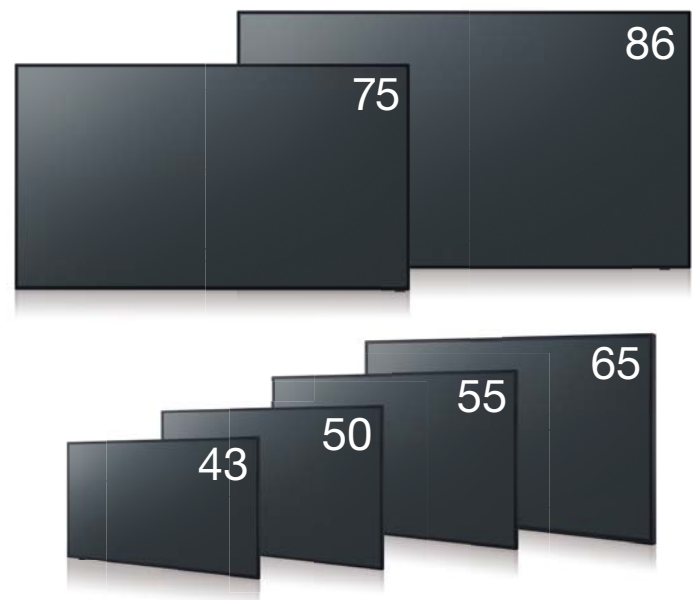
Highly detailed images in 4K resolution (3840 x 2160) supporting 4K/60p signals for faithful expression of high-quality content.

### 02 | Useful Features for Meeting Rooms and Classrooms

Supports HDMI-CEC to control connected devices from a single remote, and external device control via RS-232C/LAN for efficient operation. Designed for continuous 16-hour daily use.

### 03 | Simple Installation

Six sizes allow users to choose the size that best suits the room space. Equipped with built-in speakers and basic terminals, the display can be used immediately with no need for external devices.



	TH-86CQ1W	TH-75CQ1W	TH-65CQ1W	TH-55CQ1W	TH-50CQ1W	TH-43CQ1W
Screen Size	86-inch	75-inch	65-inch	55-inch	50-inch	43-inch
Brightness	400 cd/m <sup>2</sup>					
Contrast	1200:1	1400:1	5000:1	4000:1		
LCD Panel	IPS			VA		
Resolution	4K (3840 x 2160)					

## Clear Display of Fine Text and Illustrations

Featuring 4 times the resolution of Full-HD, these displays clearly portray fine text and image textures. Input capability for 4K/60p signals will also support future transition to 4K systems.



\*Select the Picture mode to match the content.

## Displays in 6 Sizes Enable Effective Use of Space

Sizes are available to match everything, from huddle rooms to large conference halls. Installation is also possible at a forward inclination of up to 20 degrees to maintain legibility when mounted in high places. Built-in speakers eliminate the need for external speakers when displaying audio-equipped materials. The narrow bezels also contribute to effective space utilization.

0-20° forward tilt with landscape



## Other Functions

When HDMI CEC-compatible equipment, such as a DVD/BD player, is connected to the display, the display and connected equipment can be linked and operated together.

- The fan-less design minimizes operating noise even in quiet classrooms.
- Adaptive Contrast Correction maximizes the natural characteristics of the content.
- Compatible with LAN control for synchronized control or batch management over a network.
- VESA compliance allows use of general-purpose mounting brackets.

## Specifications

Model		TH-86CQ1W	TH-75CQ1W	TH-65CQ1W	TH-55CQ1W	TH-50CQ1W	TH-43CQ1W	
Display Panel	Panel size	86-inch (2174 mm)	75-inch (1892 mm)	65-inch (1638 mm)	55-inch (1387 mm)	50-inch (1257 mm)	43-inch (1079 mm)	
	Panel type / Backlight	IPS/Edge LED	IPS/Direct LED	VA/Direct LED				
	Aspect ratio	16:9						
	Effective display area (W x H)	1895 x 1065 mm (74.6" x 41.9")	1649 x 927 mm (64.9" x 36.5")	1428 x 803 mm (56.2" x 31.6")	1209 x 680 mm (47.6" x 26.7")	1095 x 616 mm (43.1" x 24.2")	941 x 529 mm (37.0" x 20.8")	
	Resolution	3840 x 2160						
	Brightness (typ.)	400 cd/m <sup>2</sup>						
	Contrast ratio (typ.)	1200:1	1400:1	5000:1	4000:1			
	Response time (typ.)	8.0 ms (G to G)						
	Viewing angle ((T/B)/(L/R))	178° / 178° (CR>10)			178° / 178° (CR≥20)			
	Panel Surface Treatment	Anti-Glare Type (Haze 3 %)			Anti-Glare Type (Haze 2 %)			
Terminals	HDMI In	TYPE A Connector x 2 (HDCP2.2 supported)						
	PC In/Audio In (L/R)	Mini D-sub 15-pin x 1 (Female)/Stereo Mini Jack (M3) x 1						
	Serial	D-sub 9-pin x 1, RS232C Compatible						
	Audio Out	Pin Jack (L/R) x 1						
	LAN	RJ45 x 1, 10 BASE-T / 100 BASE-TX						
	USB	USB Connector (TYPE-A) x 1, DC 5 V/0.5 A (USB 2.0 Supported)						
Built-in speaker	20W [10 W + 10 W]							
Power requirements	220-240 V AC, 50/60 Hz							
Power consumption	Approx. 330 W	Approx. 266 W	Approx. 133 W	Approx. 125 W	Approx. 116 W	Approx. 102 W		
Power off condition	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W		
Standby condition	Approx. 0.5 W							
Dimensions (W x H*1 x D)	1929 x 1103 x 80 mm (76.0" x 43.5" x 3.2")	1684 x 969 x 94 mm (66.3" x 38.1" x 3.7")	1463 x 847 x 97 mm (57.6" x 33.4" x 3.9")	1240 x 718 x 80 mm (48.8" x 28.3" x 3.2")	1124 x 653 x 77 mm (44.3" x 25.7" x 3.1")	969 x 566 x 77 mm (38.2" x 22.3" x 3.1")		
Weight	Approx. 50.0 kg (111 lbs.)	Approx. 34.0 kg (75 lbs.)	24.0 kg (53 lbs.)	15.0 kg (34 lbs.)	13.0 kg (29 lbs.)	9.0 kg (20 lbs.)		
Bezel width	15.3 mm (0.60") (T/B/L/R)	14.9 mm (0.59") (T/L/R) 18.4 mm (0.72") (B)	15.9 mm (0.63") (T/L/R) 19.9 mm (0.78") (B)	12.9 mm (0.51") (T/L/R) 14.7 mm (0.58") (B)	11.9 mm (0.47") (T/L/R) 14.4 mm (0.57") (B)	11.9 mm (0.47") (T/L/R) 14.9 mm (0.59") (B)		
Wall-hanging pitch	600 x 400 mm (23.7" x 15.8") VESA compliant	400 x 400 mm (15.8" x 15.8") VESA compliant	400 x 200 mm (15.8" x 7.9") VESA compliant					
Orientation	Landscape							
Tilting Angle*2	0-20 degrees forward with landscape setting							
Operating time	16 h/day							
Operating environment	Temperature	0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude, 0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude						
	Humidity	20-80% (Non condensation)						

\*1 Including remote controller sensor box.

\*2 Please contact your sales representative with regard to the tilt angle before installation.

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Display Global Website – [panasonic.net/cns/prodisplays](http://panasonic.net/cns/prodisplays)  
YouTube – [www.youtube.com/user/PanasonicProDisplay](http://www.youtube.com/user/PanasonicProDisplay)

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