

# Panasonic

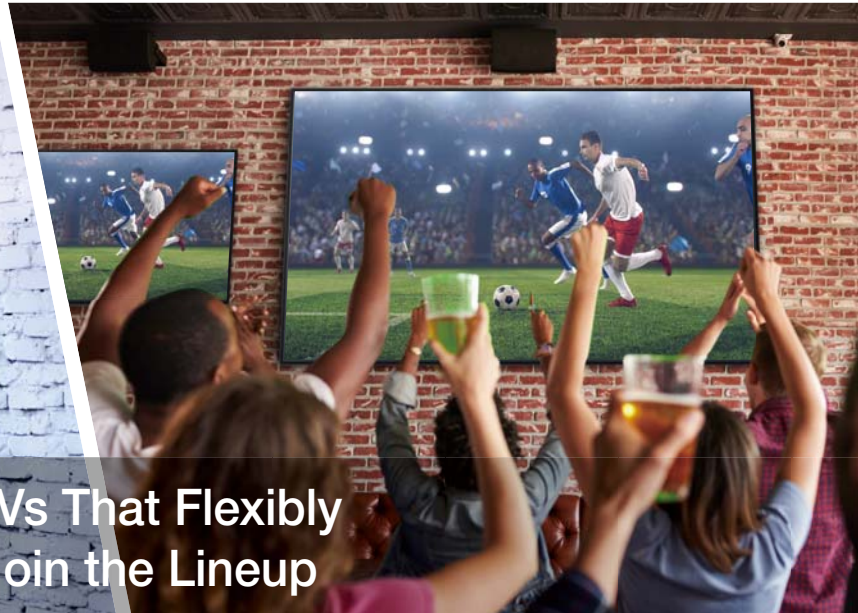
## BUSINESS

# CQ1 Series

4K UHD PROFESSIONAL TV

86-inch class TH-86CQ1U    55-inch class TH-55CQ1U  
 75-inch class TH-75CQ1U    50-inch class TH-50CQ1U  
 65-inch class TH-65CQ1U    43-inch class TH-43CQ1U

*\*Availability varies depending on model*



**New 4K UHD Professional TVs That Flexibly Match Business Situations Join the Lineup**

### ■ Main Features



Actual resolution: 3840 x 2160p



TH-86CQ1/75CQ1 only



## 01 | Detailed Clear Images

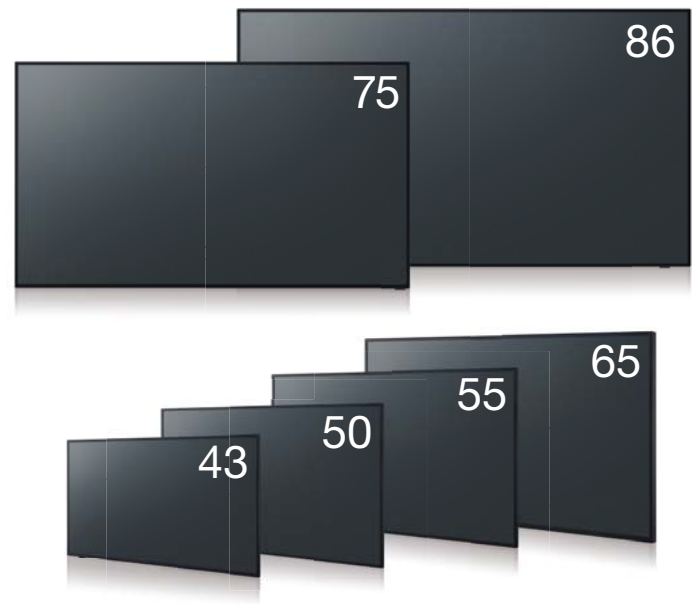
Highly detailed images in 4K resolution (3840 x 2160) supporting 4K/60p signals for faithful expression of high-quality content.

## 02 | Built-in Tuner

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

## 03 | Useful Functions for Business

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



	TH-86CQ1U	TH-75CQ1U	TH-65CQ1U	TH-55CQ1U	TH-50CQ1U	TH-43CQ1U
Screen Size	86-inch class (85.6")	75-inch class (74.5")	65-inch class (64.5")	55-inch class (54.6")	50-inch class (49.5")	43-inch class (42.5")
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)					
TV Tuner	Yes					

## Built-in TV Tuner. Detailed Display of Live Sports.

An ATSC/NTSC tuner is built-in, providing highly precise 4K images. A Sports mode is also newly equipped, ideal for live sports relays with dynamic images. In addition, the narrow bezels allow better concentration on the screen.



\*Select the Picture mode to match the content.

## Displays in 6 Sizes Enable Effective Use of Space

There are screen sizes to match everything, from small rooms, such as huddle rooms, to large rooms. 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 in conference rooms or classrooms.

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.
- 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-86CQ1U	TH-75CQ1U	TH-65CQ1U	TH-55CQ1U	TH-50CQ1U	TH-43CQ1U	
Display Panel	Panel size	85.6-inch (2174 mm)	74.5-inch (1892 mm)	64.5-inch (1638 mm)	54.6-inch (1387 mm)	49.5-inch (1257 mm)	42.5-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)	74.6" x 41.9" (1895 x 1065 mm)	64.9" x 36.5" (1649 x 927 mm)	56.2" x 31.6" (1428 x 803 mm)	47.6" x 26.7" (1209 x 680 mm)	43.1" x 24.2" (1095 x 616 mm)	37.0" x 20.8" (941 x 529 mm)	
	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						
	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)						
	RF In (Antenna/Cable)	F Connector x 1						
TV Tuner	Terrestrial Tuner (ATSC/NTSC) x 1							
Built-in speaker	20W [10 W + 10 W]							
Power requirements	110-127 V AC, 50/60 Hz							
Power consumption	Approx. 340 W	Approx. 274 W (TBD)	Approx. 136 W	Approx. 128 W	Approx. 120 W	Approx. 106 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)	76.0" x 43.5" x 3.2" (1929 x 1103 x 80 mm)	66.3" x 38.1" x 3.7" (1684 x 969 x 94 mm)	57.6" x 33.4" x 3.9" (1463 x 847 x 97 mm)	48.8" x 28.3" x 3.2" (1240 x 718 x 80 mm)	44.3" x 25.7" x 3.1" (1124 x 653 x 77 mm)	38.2" x 22.3" x 3.1" (969 x 566 x 77 mm)		
Weight	Approx. 111 lbs. (50.0 kg)	Approx. 75 lbs. (34.0 kg)	53 lbs. (24.0 kg)	34 lbs. (15.0 kg)	29 lbs. (13.0 kg)	20 lbs. (9.0 kg)		
Bezel width	0.60" (15.3 mm) (T/B/L/R)	0.59" (14.9 mm) (T/L/R) 0.72" (18.4 mm) (B)	0.63" (15.9 mm) (T/L/R) 0.78" (19.9 mm) (B)	0.51" (12.9 mm) (T/L/R) 0.58" (14.7 mm) (B)	0.47" (11.9 mm) (T/L/R) 0.57" (14.4 mm) (B)	0.47" (11.9 mm) (T/L/R) 0.59" (14.9 mm) (B)		
Wall-hanging pitch	23.7" x 15.8" (600 x 400 mm) VESA compliant	15.8" x 15.8" (400 x 400 mm) VESA compliant	15.8" x 7.9" (400 x 200 mm) VESA compliant					
Orientation	Landscape							
Tilting Angle*2	0-20 degrees forward with landscape setting							
Operating time	16 h/day							
Operating environment	Temperature	32 °F to 104 °F (0 °C to 40 °C) for up to 4593 ft (1400 m) altitude, 32 °F to 95 °F (0 °C to 35 °C) for between 4593 ft to 9186 ft (1400 m to 2800 m) 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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For more information about Panasonic Professional Displays, please visit:

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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