Panasonic **BUSINESS**

P R E L I M I N A R Y
AS OF JUNE 2019

CQ1 Series
4K UHD LCD DISPLAYS

AVAILABLE FROM SEPTEMBER 2019
Availability varies depending on model

4K Entry Displays in 6 Sizes Enhance Presentation Effects

4K PROFESSIONAL
Actual resolution: 3840 x 2160p

In Plane Switching
TH-86CQ1/75CQ1 only

16h Operation
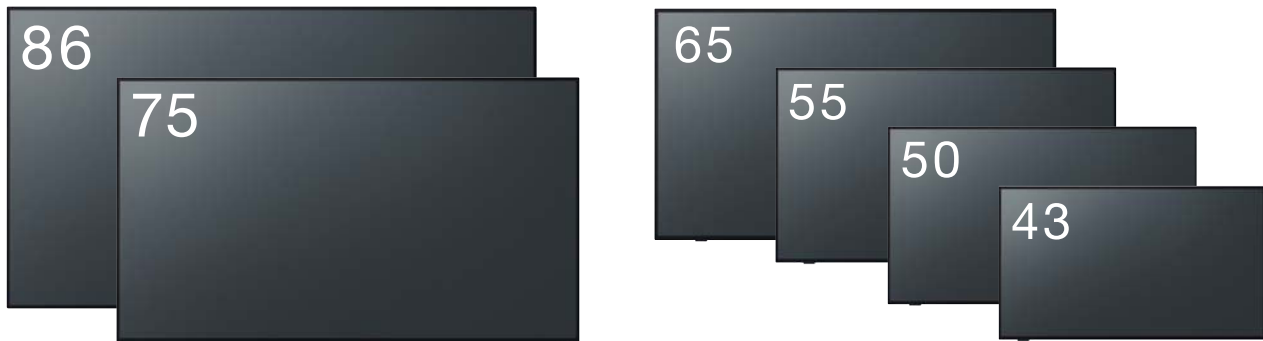
CQ1 Series						
	TH-86CQ1W	**TH-75CQ1W**	**TH-65CQ1W**	**TH-55CQ1W**	**TH-50CQ1W**	**TH-43CQ1W**
Screen Size	86-inch class	75-inch class	65-inch class	55-inch class	50-inch class	43-inch class
Brightness	400 cd/m²					
Contrast	1200:1	1400:1	5000:1	4000:1		
LCD Panel	IPS		VA			
Resolution	4K (3840 x 2160)					

• *Detailed Images*

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

• *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.

• *Easy 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.

*CQ1 Series availability varies depending on the country.

Specifications (Tentative)

Model		TH-86CQ1W	TH-75CQ1W	TH-65CQ1W	TH-55CQ1W	TH-50CQ1W	TH-43CQ1W
Display Panel	Panel size	86-inch (2177.4 mm)	75-inch (1898.6 mm)	65-inch (1638.9 mm)	55-inch (1387.8 mm)	50-inch (1257 mm)	43-inch (1079.8 mm)
	Panel type / Backlight	IPS/Edge LED	VA/Direct LED				
	Aspect ratio	16:9					
	Effective display area (W x H)	1897.6 x 1068.6 mm (74.70" x 42.00")	1654.1 x 932.1 mm (65.12" x 36.69 ")	1428.4 x 803.5 mm (56.24" x 31.63")	1209.6 x 680.4 mm (47.62" x 26.79")	1095.8 x 616.4 mm (43.14" x 24.27")	941.1 x 529.4 mm (37.05" x 20.84")
	Resolution	3840 x 2160					
	Brightness (typ.)	400 cd/m²					
	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-GlareType (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 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)	USB Connector (TYPE-A) x 1, DC 5 V/1 A (TBD) (USB 2.0 Supported)	USB Connector (TYPE-A) x 1, DC 5V/0.5A (USB 2.0 Supported)			
Built-in speaker		20W [10 W + 10 W]					
Power requirements		220-240 V AC, 50/60 Hz					
Power consumption		Approx. 320 W (TBD)	TBD	133 W	125 W	116 W	102 W
Power off condition		Approx. 0.3 W (TBD)	Approx. 0.3 W (TBD)	Approx. 0.3 W (TBD)	Approx. 0.3 W	Approx. 0.3 W	Approx. 0.3 W
Standby condition		Approx. 0.5 W (TBD)	Approx. 0.5 W (TBD)	Approx. 0.5 W (TBD)	Approx. 0.5 W	Approx. 0.5 W	Approx. 0.5 W
Dimensions (W × H* × D)		1929 x 1103 x 80 mm (76.0" x 43.5" x 3.2") (TBD)	1684 x 969 x 94 mm (66.3" x 38.2" x 3.7") (TBD)	1463 x 847 x 97 mm (57.6" x 33.4" x 3.8") (TBD)	1240 x 718 x 80 mm (48.9" 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		TBD	TBD	24.0 kg (53.0 lbs.)	15.0 kg (33.1 lbs.)	13.0 kg (28.7 lbs.)	9.0 kg (19.9 lbs.)
Bezel width		15.3 mm (0.61") (T/B/L/R)	14.9 mm (0.59") (T/L/R) 18.4 mm (073") (B)	15.9 mm (0.63") (T/L/R) 19.9 mm (0.78") (B)	11.9 mm (0.47") (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 (23.6" 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			200 x 200 mm (7.9" x 7.9") VESA compliant
Operating time		16 h/day					
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) attitude. Temperature: 0 °C to 35 °C (32 °F to 95 °F)/Altitude 1400-2800 m (4593 ft to 9186 ft)					

* Including remote controller sensor box.

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