



50-inch Class 4K entry-level display that flexibly matches corporate meeting rooms and educational use.

TH-50CQE2

The Panasonic Connect TH-50CQE2 4K Professional display is designed for 16-hours/day continuous operation and crystal-clear viewing clarity. The display provides a brightness of 500cd/m² with an anti-glare panel, and minimum haze treatment, reducing the reflection of ambient light and vastly improving visibility. For ultimate flexibility and a clean look without set-top-boxes or cables, the TH-50CQE2 is also equipped with a built-

Key Features

High image quality

Reliability and ease of installation

System scalability



TH-50CQE2

<https://eu.connect.panasonic.com/gb/en/professional-displays/cqe2-series/th-50cqe2>

DISPLAY PANEL -> Screen Size	50-inch class (49.50-inch / 1257.3 mm)
DISPLAY PANEL -> Brightness (typ.)	500cd/m ²
DISPLAY PANEL -> Aspect ratio	16:9
DISPLAY PANEL -> Effective Display Area (W x H)	1095.8 x 616.4 mm (43.14" x 24.26")
DISPLAY PANEL -> Resolution	3840 x 2160
DISPLAY PANEL -> Contrast Ratio (typ.)	5000:1
DISPLAY PANEL -> Dynamic Contrast Ratio	50000:1
DISPLAY PANEL -> Response Time (typ.)	9.5 ms (G to G)
DISPLAY PANEL -> Viewing Angle(H / V)	178 ° / 178 ° (CR>10)
DISPLAY PANEL -> Panel Surface Treatment	Anti-glare type
DISPLAY PANEL -> Haze	0.03
CONNECTION TERMINAL -> HDMI™ IN	HDMI™ Type A Connector x 4 (HDCP 2.2)
CONNECTION TERMINAL -> SERIAL IN	Stereo mini jack (φ 3.5 mm) x 1, RS-232C Compatible
CONNECTION TERMINAL -> IR IN	Stereo mini jack (φ 3.5 mm) x 1
CONNECTION TERMINAL -> AUDIO OUT (L / R)	Stereo mini jack (φ 3.5 mm) x 1 SPDIF x 1
CONNECTION TERMINAL -> LAN	RJ45 x 1 Compatible with PLink™ 10BASE-T/100BASE-TX
CONNECTION TERMINAL -> USB TYPE A	USB connector Type A x 1 : DC 5 V / Max 0.9 A, (USB 3.0 is supported) USB connector Type A x 1 : DC 5 V / Max 0.5 A, (USB 2.0 is supported) USB connector Type A x 1 : DC 5 V / Max 0.5 A, (USB 2.0 is supported) (Internal)
CONNECTION TERMINAL -> USB TYPE C	USB connector TYPE C x 1 : DC 5 V / Max 3.0 A, (USB 3.0 is supported, DP Alt Mode)
CONNECTION TERMINAL -> microSD	microSD / SDHC / SDXC / Max 1TB
CONNECTION TERMINAL -> Wi-Fi	Yes (Dongle)
CONNECTION TERMINAL -> Bluetooth®	Bluetooth® 5.1, HID / A2DP
CONNECTION TERMINAL -> RF In (ANTENNA / CABLE)	F Connector x 1
Compatible OS and browsers -> browser	HTML5 (Vwed)
Compatible OS and browsers -> Android™ OS	●
AUDIO -> Built in Speaker	20 W [10 W + 10 W]
ELECTRICAL -> Power Supply	AC220-240 V 50 Hz / 60 Hz 0.8 A(U): AC 110-127 V 50 Hz/60 Hz 1.7 A
ELECTRICAL -> Power Consumption	100 W (Shipping Condition)
ELECTRICAL -> On Mode Average Power Consumption *1	95 W (Picture Mode: [Natural])
ELECTRICAL -> Power Off Condition	0 W
ELECTRICAL -> Stand-by Condition	0.5 W
ELECTRICAL -> Apparent power	163 VA
ELECTRICAL -> Energy efficiency class for Europe	G class
MECHANICAL -> Dimension(W)	1121 mm (44.12")
MECHANICAL -> Dimension(H)	664 mm (26.14"), 646 mm (25.43")
MECHANICAL -> Dimension(D)	68 mm (2.66")
MECHANICAL -> Weight	Approx. 13.4 kg (29.6 lbs)
MECHANICAL -> Bezel Width(T)	10 mm (0.39")
MECHANICAL -> Bezel Width(B)	15.5 mm (0.61")
MECHANICAL -> Bezel Width(L)	10 mm (0.39")
MECHANICAL -> Bezel Width(R)	10 mm (0.39")
MECHANICAL -> Pitch for Wall-Hanging / Screw / Screw hole depth	VESA Compliant 200 x 200 mm (7.9" x 7.9") / M6 / 10 mm (0.39"), Allowable screw length 24 mm (0.95")
INSTALLATION -> Orientation	Landscape / Portrait (clockwise rotation)
INSTALLATION -> Tilting Angle	Landscape installed 20 degrees forward
INSTALLATION -> Operating Time *2	16 h/day
ENVIRONMENT -> Operating Environment(Temperature)	0 °C to 40 °C (32 °F to 104 °F) 0 °C to 35 °C (32 °F to 95 °F)
ENVIRONMENTAL -> Operating Environment(Humidity) (No condensation)	20% to 80%

Footnote Description

1. : Excluding remote IR sensor
2. : Including remote IR sensor
3. : Based on IEC 62087 Ed.2 measurement method
4. : Displaying a still image for a long time may cause burn-in (image persistence artifacts), it could be mitigated when display video image.
5. : Please contact your sales representative with regard to the tilt angle before installation.