

LCD 86" Infrared Touch Collaboration Display

NEC MultiSync® CB861Q

Benefits

Out-of-the-box collaboration – thanks to embedded computing with built-in annotation tools and wireless presentation capabilities.

Multi-Touch – true multi-touch support with up to 20 simultaneous touch points.

Protective Glass – premium toughened glass protects the security of the panel yet delivers a perfect touch experience with anti-glare coating to minimise reflections and fingerprints.

Simple operation – with easy front access to USB ports and controls for major functionalities

Cost Saving Device Management – save effort whilst managing all connected Sharp and legacy devices from a centralised location by using the NaViSet Administrator 2 software tool.

Specifications

Product Information

Product Name

NEC MultiSync® CB861Q

Product Group

LCD 86" Infrared Touch Collaboration Display

Order Code

60004825

Display

Panel Technology

IPS with Direct LED backlights

Active Screen Area (W x H) [mm]

1,895 x 1,066

Screen Size [inch/cm]

86 / 217.4

Aspect Ratio

16:9

Pixel Pitch [mm]

0.4935

Brightness [cd/m²]

350, 300 (shipment setting)

Brightness (without glass) [cd/m²]

400

Contrast Ratio (typ.)

1200:1

Viewing Angle [°]

178 / 178 (at contrast ratio > 10:1)

Colour Depth [bn]

1,073 (10bit)

Response Time (typ.) [ms]

8 (grey-to-grey)

Haze Level [%]

3

Supported Orientation

Landscape

Touch

Touch Technology

Infrared

Number of Touches

Real multi-touch up to 20 touches

Touch Method

Finger; Gloves; Stylus (≥ 8 mm)

Supported Operating System

Native Multi-Touch: Windows 7-11, Linux, Android; Default Mouse: Windows XP and Vista, Mac OS

Data Interface

USB-HID

Accuracy [mm]

< 2

Windows Ink

No

Palm Rejection

No

Protective Glass

Type

Thermal-tempered, anti-glare coating

Thickness [mm]

4

Light Transmission [%]

88 (+/- 1 %)

Reflection Rate [%]

4

Hardness [H]

7

Resolution

Native Resolution

3840 x 2160

Supported Resolutions

1920 x 1080; 3840 x 2160; 4096 x 2016

Supported on HDMI only

3840 x 2160 (60 Hz); 4096 x 2016 (24 Hz)

Synchronisation Rate

Horizontal Frequency [kHz]

26 - 135

Vertical Frequency [Hz]

23 - 80

Connectivity

Input Video Analogue

1 x VGA

Input Video Digital

3 x HDMI (with HDCP)

Input Audio Analogue

1 x 3,5 mm jack

Input Audio Digital

3 x HDMI

Input Control

LAN 100Mbit; RS232

Input Data

2 x USB Type-B (Upstream); 6 x USB 2.0 (Downstream)

Output Audio Analogue

1 x 3,5 mm jack

Output Audio Digital

1 x SPDIF

Output Control

LAN 100Mbit

Open Modular Intelligence

OPS Slot

Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

OPS Max. Current / Power Consumption [A / W]

3.5 / 63

Electrical

Power Consumption [W]

365 Eco (shipment setting)

Power Savings Mode [W]

< 0.5; < 2 (Networked Standby)

Environmental Conditions

Operating Temperature [°C]

+0 to +40

Operating Humidity [%]

10 to 90

Mechanical

Dimensions (W x H x D) [mm]

Without stand: 1,957.1 x 1,159.8 x 86.8

Weight [kg]

Without stand: 67.3

Bezel Width [mm]

17.7 (left/right/top); 45.7 (bottom)

VESA Mounting [mm]

4 holes; 800 x 600 (FDMI); M8

Embedded Computing

System Memory

2G RAM

Internal Storage

16GB ROM

Built-in Applications

File Manager; Input Select; Setting; Web Browser; Whiteboard - Mosaic Canvas; Wireless Presentation - Mosaic Connect

Available Software

Free Software Included

Mosaic Connect

Available Options

Accessories

Soundbar (Active Collaboration Soundbar SP-ASCM - not supported by embedded compute); Trolley (PD02MHM-CB86, PD02MHA-CB86, PD03MHA-CB86); Wall mount (BalanceBox 400 HEAVY; 1x standard wall mount included); Wireless LAN module NP05LM2 (Europe); Wireless LAN Module NP05LM4 (Russia)

OPS Slot

HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C Quad 3G SDI

Regulatory

Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; FCC; PSB; RCM; REACH; RoHS; SASO; UL/C-UL

Additional Features

Special Characteristics

AMX NetLinx Support; HDMI with UHD at 60 Hz; NaViSet Administrator 2 - free download; Scheduler

Colour Versions

Black Front Bezel, Black Back Cabinet

Audio

Integrated Speakers (2 x 12 W)

Shipping Content

3 x Stylus; HDMI Cable; Power Cable; Remote Control; USB cable; User Manual; VGA cable; Wall Mount

Warranty

3 years warranty incl. backlight

Operating Hours

12/7



RoHS



RCM



CE

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