LCD 75" Infrared Touch Collaboration Display

NEC MultiSync® CB751Q

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® CB751Q

Product Group
LCD 75" Infrared Touch Collaboration Display

Order Code
60004824

Display

Panel Technology
IPS with Direct LED backlights

Active Screen Area (W x H) [mm]
1,649.7 x 927.9

Screen Size [inch/cm]
75 / 189.3

Aspect Ratio
16:9

Pixel Pitch [mm]
0.4296

Brightness [cd/m²]
350, 300 (shipment setting)

Contrast Ratio (typ.)
1100:1

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 - 86

Connectivity

Input Video Analogue
1 x VGA

Input Video Digital
3 x HDMI

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]
205 Eco (shipment setting)

Power Savings Mode [W]
< 0.5 (ECO Standby); < 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: 1,709.4 x 1,020 x 86.8

Weight [kg]
Without stand: 52.6

Bezel Width [mm]
17.7 (left/right/top); 45.7 (bottom)

VESA Mounting [mm]
4 holes; 800 x 400 (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 Presentatiom - 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, PD02MHA, PD03MHA); Wall mount (BalanceBox 400 MEDIUM; 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



CE



RoHS



RCM

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