

# Enter a World of Interactive Whiteboarding

NEC MultiSync® CB Series, all-in-one collaborative solution



# NEC Collaboration Board: Interactive whiteboarding and wireless presentation, off the shelf

Upgrade your lectures and meetings with NEC's all-in-one collaboration boards, in three different sizes, featuring UHD resolution and up to 20 touch points. Based on infrared touch technology the user experiences perfect usability with a rapid touch response. Business and educational sessions start-up instantly with built-in whiteboard and wireless screen sharing functionalities without any hidden costs. The embedded annotation tool lets you annotate over any content shown on the screen.

For more demanding applications, the OPS slot provides the opportunity to enhance the computing power. With sizes including 65", 75" and 86", the NEC CB Series offers the ideal solution for your meeting and class rooms.

## Highlights

### Delivering Genuine 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
- **Ease of Use** - enhance the display with an optional "Windows based" Slot-in-PC using the integrated Ultra High Resolution OPS option slot, thereby simplifying installations and reducing the points of failure.
- **Cost Saving Device Management** - save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool



MultiSync® CB861Q / CB751Q / CB651Q



Education



Meeting and Conferencing

**4K UHD**

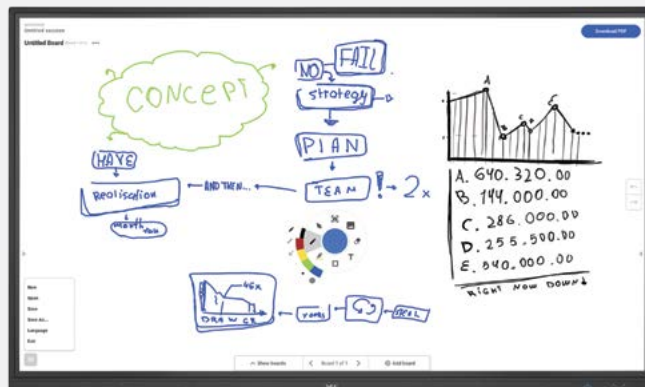


## Mosaic Connect



- Wirelessly present with up to 4 users simultaneously
- During a session, attendees can share video, links and files with each other without ever having to leave the app
- Share from any device: Windows 10, Mac OS, iOS, Android, or Chrome browser
- Every Mosaic Connect meeting is protected by a unique ID, 4-digit PIN and is encrypted end to end
- Works securely with any network configuration, including corporate Wi-Fi, guest Wi-Fi, mobile data, a hotspot or any combination

## Mosaic Canvas



- Whiteboarding software for scribbling and brainstorming
- With Canvas, multiple users can scribble on the display at the same time
- Add additional pages whenever needed and switch between those seamlessly
- Bring colour to your ideas by importing image files and annotating on top of them
- Customise your tool palette and drag and drop the tools you use the most for quick and easy access

## Passive Pen

- Handy ergonomics like a pencil
- Attaches magnetically to the front of the display
- Always ready to use and no need to charge



## Other Useful Features and Functions

- Scheduler with real-time clock
- Plug and pay (DDC/CI, DDC2B)
- Built-in speakers
- Metal rear cabinet with wall mounting interface
- Ethernet and RS-232C control and communication
- CRESTRON ROOMVIEW™
- AMX Discovery HTTP server
- Optional WiFi dongle available (NP05LM)
- Integrated MediaPlayer
- NaViSet Administrator 2
- Handles
- Wall mount included
- Optional height adjustable mounting solutions available



Specifications

MODEL	CB861Q	CB751Q	CB651Q
<b>LCD MODULE</b>			
Viewable image size (diagonal)	85.6"/ 2,174.3 mm	74.5"/ 1,892.7 mm	64.5"/ 1,639.0 mm
Active screen area (W × H)	1,895.04 × 1,065.96 mm	1,649.66 × 927.94 mm	1,428.48 × 803.52 mm
Panel technology	IPS		
Native resolution	3,840 × 2,160		
Brightness (typical with AG glass)	350 cd/m <sup>2</sup>		
Contrast ratio (typical)	1,200:1 (Native contrast)	1,100:1 (Native contrast)	1,300:1 (Native contrast)
Viewing angle [°]	178 horizontal / 178 vertical (at CR>10)		
Colour	Over 1.07 billion		
Response time (typical)	8 ms (G to G)		9 ms (G to G)
Backlight	Direct LED backlight		
<b>CONNECTIVITY</b>			
Input terminals	Digital	HDMI × 3	
	Analogue	VGA mini D-sub 15-pin × 1	
Output terminals	Audio	Digital: HDMI × 3, Analogue: 3.5 mm Stereo mini jack × 1	
	Audio	Optical: SPDIF × 1, Analogue: 3.5 mm Stereo mini jack × 1	
External control	RS-232C	D-Sub 9 pin × 1	
	Ethernet	RJ-45 10BASE-T / 100BASE-TX × 1	
USB hub	USB2.0	USB type A × 6 (Front x 2, Side x 3, Bottom x 1), USB type B × 2	
Option slots	Expansion slots	Open pluggable specification (NEC / Intel OPS standard) × 1	
Speaker output	Internal speakers	12 W + 12 W	
<b>POWER</b>			
Power requirement	6.2 A @ 100-120 V, 2.5 A @ 220-240 V	4.3 A @ 100-120 V, 1.8 A @ 220-240 V	4.0 A @ 100-120 V, 1.6 A @ 220-240 V
Power consumption (typical)	365 W	205 W	165 W
Power consumption (network standby mode)	2 W		
Power consumption (standby mode)	< 0.5 W		
<b>PHYSICAL SPECIFICATIONS</b>			
Bezel width	17.7 mm (bottom: 45.7 mm)		
Dimensions (with wall mount : W × H × D)	1,957.1 × 1,159.8 × 113.8 mm	1,709.4 × 1,020.0 × 113.8 mm	1,488.4 × 896.8 × 114.5 mm
Dimensions (without wall mount : W × H × D)	1,957.1 × 1,159.8 × 86.8 mm	1,709.4 × 1,020.0 × 86.8 mm	1,488.4 × 896.8 × 87.5 mm
Packaging dimensions (W × H × D)	2,211 × 1,370 × 280 mm	1,860 × 1,170 × 280 mm	1,656 × 1,050 × 204 mm
Net weight (without wall mount)	67.3 kg	52.6 kg	39.2 kg
Net weight (with wall mount)	71.2 kg	56.5 kg	43.1 kg
Gross weight (with box)	95.5 kg	72.8 kg	55.0 kg
VESA compatible mounting interface	800 × 600 mm (M8, 4 holes)	800 × 400 mm (M8, 4 holes)	600 × 400 mm (M8, 4 holes)
Supported orientation	Landscape		
<b>ENVIRONMENTAL CONDITIONS</b>			
Operating temperature	0°C to 40°C		
Operating humidity	10% to 90% (without condensation)		
Operating hours	12 / 7		
<b>PROTECTIVE GLASS</b>			
Material	Tempered glass		
	Thickness	4.0 mm	
	Surface treatment	Anti-glare coating	
	Transparency	≥ 88 %	
	Haze	3 to 8 %	
	Surface hardness	7H	
Impact resistance	Ball drop test : 500 g steel ball, 1.2 m high		
<b>INTEGRATED TOUCH PANEL</b>			
Method	Infrared touch		
	Multi-touch	10 point writing / 20 touch	
	Interface	Integrated products and USB (type B)	
	Operating system	Windows 7/8/8.1/10, Android, Mac OS X, Ubuntu, Chrome	
<b>ACCESSORIES</b>			
Included	Setup manual, power cord, clamper, signal cables, IR remote control, stylus pen × 3, RS-232C adapter x 1, wall mount (attached), battery x2		

Connectivity

Front panel



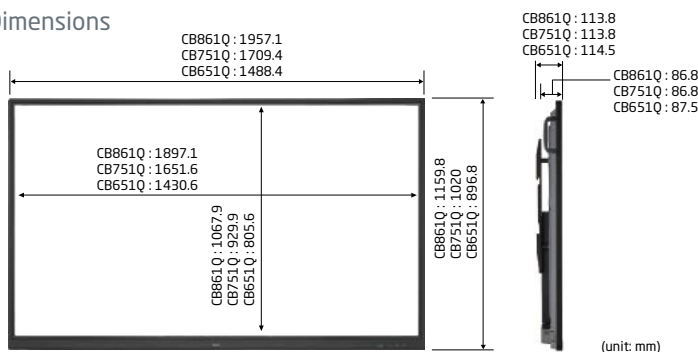
Side panel



Bottom panel



Dimensions



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