

Procure



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Driven By You.**

NEC MultiSync® CB651Q-2
LCD 65" Infrared Touch Collaboration Display

Datasheet

Benefits

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

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.

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

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

Cost Saving Device Management - save effort whilst managing all connected NEC devices from a centralised location by using the NaVIsSet Administrator 2 software tool.

Product Information

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|---------------|--|
| Product Name | NEC MultiSync® CB651Q-2 |
| Product Group | LCD 65" Infrared Touch Collaboration Display |
| Order Code | 60005410 |

Display

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|---------------------------------|--------------------------------------|
| Panel Technology | IPS with Direct LED backlights |
| Active Screen Area (W x H) [mm] | 1,428.5 x 803.5 |
| Screen Size [inch/cm] | 65 / 163.9 |
| Aspect Ratio | 16:9 |
| Pixel Pitch [mm] | 0.372 |
| Brightness [cd/m ²] | 350, 300 (shipment setting) |
| 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

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|----------------------------|---|
| 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 |

Glass

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|------------------------|--------------------------------------|
| Type | Thermal-tempered, anti-glare coating |
| Thickness [mm] | 4 |
| Light Transmission [%] | 88 (+/- 1 %) |
| Reflection Rate [%] | 4 |
| Hardness [H] | 7 |

Resolution

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|------------------------|----------------------|---------------------|-------------|
| 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

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|----------------------------|----------|
| Horizontal Frequency [kHz] | 26 - 135 |
| Vertical Frequency [Hz] | 23 - 86 |

Connectivity

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| 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 | 1 x LAN 100Mbit |

Open Modular Intelligence

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| OPS Slot | Slot Technology: Open pluggable specification (NEC / Intel OPS standard) |
| OPS Max. Current / Power Consumption [A / W] | 3.5 / 63 |

Electrical

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| Power Consumption [W] | 165 Eco (shipment setting), 400 |
| Power Savings Mode [W] | < 0.5; < 2 (Networked Standby) |

Environmental Conditions

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| Operating Temperature [°C] | +0 to +40 |
| Operating Humidity [%] | 10 to 90 |

Mechanical

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| Dimensions (W x H x D) [mm] | Without stand: 1,488.4 x 896.8 x 87.5 |
| Weight [kg] | Without stand: 39.2 |
| Bezel Width [mm] | 17.7 (left, right and top); 45.7 (bottom) |
| VESA Mounting [mm] | 4 holes; 600 x 400 (FDMI); M8 |

Embedded Computing

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| 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

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| Free Software Included | Mosaic Connect |
|------------------------|----------------|

Available Options

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| Accessories | Soundbar (Active Collaboration Soundbar SP-ASCM - not supported by embedded compute); Trolley (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

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| Safety and Ergonomics | BSMI; CE; EAC; EMC Class B; FCC; PSB; RCM; REACH; RoHS; SASO; UL/C-UL |
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Additional Features

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| 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 |