

NEC MultiSync® X651UHD-2 IGT (InGlass™ Touch)
LCD 65" InGlass™ Touch Display

Datasheet



*Table Legs optional

NEC MultiSync® X651UHD-2 IGT - Touch Display designed for table applications

Users naturally expect to intuitively engage with content on an interactive touch device; if this isn't immediately the case, they will simply walk away. With this in mind, the eye-pleasing 65" InGlass™ touch display with bezel-free design, perfect colour fidelity and Ultra-High Definition pixel-free detail is the perfect choice. Spontaneously use up to 10 fingers, pens or gloves and enjoy the highest real-time touch point accuracy. Due to zero airgap ZG™ technology, parallax is not an issue making this the ideal solution for an enticing interactive experience which will keep the user browsing.

All in all a perfect touch display for creative tables (optional table legs available) to visualize your assets most efficiently whilst facilitating better meeting results.

Benefits

Designed for Table Installations - a completely flush and easy clean surface with no bezel enabling true edge-to-edge designs for a perfect touch experience.

Tablet-like User Experience - seamless operation with multi-touch applications while using 10 simultaneous finger/pen/glove touches.

Impressive Visualization - no parallax issues with zero airgap ZG™ technology, pixel-free and colourfast details in Ultra-High Resolution thanks to the NEC SpectraView® colour engine.

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.

Rugged Design for 24/7 - InGlass™ touch-system developed to perform even in harsh environments while advanced filtering techniques ensure continued multi-touch performance.

Product Information

| | |
|---------------|---|
| Product Name | NEC MultiSync® X651UHD-2 IGT (InGlass™ Touch) |
| Product Group | LCD 65" InGlass™ Touch Display |
| Order Code | 60004170 |

Display

| | |
|---------------------------------|---|
| Panel Technology | S-IPS with Edge LED backlights |
| Active Screen Area (W x H) [mm] | 1,428 x 804 |
| Screen Size [inch/cm] | 65 / 165 |
| Brightness [cd/m²] | 450, 270 Eco (shipment setting) |
| Contrast Ratio (typ.) | 1300:1 |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Response Time (typ.) [ms] | 8 (grey-to-grey) |
| Haze Level [%] | 10 |
| Supported Orientation | Face Up ¹ ; Landscape; Portrait |

Synchronisation Rate

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|----------------------------|----------------------------------|
| Horizontal Frequency [kHz] | 31.5 - 91.1 (analog and digital) |
| Vertical Frequency [Hz] | 50 - 85 |

Resolution

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|-----------------------------------|--|---|---|--------------|
| Native Resolution | 3840 x 2160 at 60 Hz | | | |
| Supported on DisplayPort and HDMI | 3840 x 2160 (24/30 Hz); 1920 x 1080; 1600 x 1200; 1360 x 768; | 1280 x 1024; 1280 x 768; 1080p; 1080i; | 1024 x 768; 800 x 600; 720p (50/60 Hz); 640 x 480; | 480p (60 Hz) |
| Supported on DisplayPort only | 3840 x 2160 (60 Hz) | | | |
| Supported on HDMI only | 4096 x 2160 (24 Hz); 3840 x 2160 (25 Hz); | 1360 x 768; 576i (50 Hz); | 480i (60 Hz) | |

Connectivity

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|----------------------|---|
| Input Video Digital | 1 x DisplayPort (with HDCP); 2 x DVI-D (with HDCP); 4 x HDMI (with HDCP) |
| Input Audio Analogue | 1 x 3,5 mm jack |
| Input Audio Digital | 1 x HDMI; DisplayPort |
| Input Control | LAN 100Mbit; remote control wire (3,5mm jack); RS232 |
| Output Control | LAN 100Mbit |
| Remote Control | LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input |

Open Modular Intelligence

| | |
|-------------------------|--|
| OPS Slot | Slot Technology: Open pluggable specification (NEC / Intel OPS standard) |
| Inrush Current [A] | max. 10 |
| Power Consumption [W] | max. 61 |
| Voltage / Current [V/A] | 16/4 |

Sensors

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| Ambient Light Sensor | Integrated, triggered actions programmable |
| Human Sensor | Optional, external, 4-5m range, triggered actions programmable |

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|--------------------|---|
| Temperature Sensor | Integrated, 3 sensors, triggered actions programmable |
| NFC Sensor | Integrated, 2cm range, free NEC Android App required |

Electrical

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|--------------------------------|---------------------------------|
| Power Consumption Eco/max. [W] | 152 Eco (shipment setting), 212 |
| Power Savings Mode [W] | < 0.5 (ECO Standby); < 2.5 |
| Power Management | VESA DPMS |

Environmental Conditions

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|----------------------------|-----------|
| Operating Temperature [°C] | +0 to +35 |
| Operating Humidity [%] | 20 to 80 |

Mechanical

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|-----------------------------|--------------------------------------|
| Dimensions (W x H x D) [mm] | Without stand: 1,520.9 x 896 x 103 |
| Weight [kg] | Without stand: 55 |
| Bezel Width [mm] | Edge-to-edge flush design (no bezel) |
| VESA Mounting [mm] | 4 holes; 400 x 400 (FDMI); M8 |
| Ingress Protection | IP40 (front); IP20 (back) |

Glass

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|------------------------|-----------------------------------|
| Thickness [mm] | 3.2 |
| Type | Chemically strengthened soda lime |
| Light Transmission [%] | 89 (+/- 1 %) |

Touch

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|--------------------------------|--|
| Touch Technology | InGlass™ |
| Number of Touches | Real multi-touch up to 10 touches |
| Response Time [ms] | ≤ 15 |
| Touch Active Area (W x H) [mm] | 1,428.5 x 825.6 |
| Touch Method | Finger; Gloves; Stylus (≥ 4 mm) |
| Supported Operating System | Native Multi-Touch: Windows 7, Windows 8, Windows 10, Linux, Android; Default Mouse: Windows XP, Windows Vista, Mac OS X |
| Data Interface | USB-HID |
| Accuracy [mm] | < 2 |

Available Options

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|-------------|--|
| Accessories | Feet (ST-651); Speaker (SP-RM1, SP-TF1); Table legs (ZELGS-65-850-W); Trolley (PD02MHA, PD03MHA); Wall mount (PDW T XL; PD02WHA) |
| OPS Slot | HD-SDI 1.5G,3G; HDBaseT receiver; OPS Digital Signage Player; Slot-inPC (Intel® Core i5/i7 with WS7P recommended) |

Green Features

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|----------------------|--|
| Energy Efficiency | Ambient light sensor; Annual energy consumption: 234 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A; Human Sensor |
| Ecological Materials | Manuals on CD; Optional feet |

Additional Features

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|-------------------------|---|
| Special Characteristics | Carbon footprint meter; DICOM Simulation; NaViSet Administrator 2 |
|-------------------------|---|

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|-----------------------|--|
| Safety and Ergonomics | CE; RoHS |
| Audio | Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W) |
| Shipping Content | CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Power Cable; Remote Control; USB cable |
| Warranty | 3 years warranty incl. backlight; additional services available |
| Operating Hours | 24/7 |

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support



CE



RoHS

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