Specifications
SMART Board® MX265 interactive display with iQ
Model SBID-MX265

Overview
The SMART Board® MX series has all the essentials educators need for bringing the devices students love into any learning environment. This display is great value for schools that need an interactive display on a budget. The 65" 4K Ultra HD resolution display includes SMART Learning Suite and a standard three-year warranty.

The embedded iQ appliance offers one-touch access to SMART Learning Suite applications, including SMART Notebook® lessons and SMART lab™ activities. You can also access collaboration tools, including a digital whiteboard, a web browser, and wireless screen sharing.

Dimensions and weights

Dimensions

As an ENERGY STAR® certified signage display, the SMART Board MX065 interactive display meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

1All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).
## Specifications

### SMART BOARD MX265 Interactive Display with IQ – Model SBID-MX265

## Hardware

### Interaction

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch technology</td>
<td>IR</td>
</tr>
<tr>
<td>Multitouch capabilities</td>
<td>Up to 10 simultaneous touch, writing, or erase points*2,3</td>
</tr>
<tr>
<td>Object Awareness™</td>
<td>Behavior adjusts automatically to the tool or object you’re using, whether it’s a pen, finger or palm.</td>
</tr>
</tbody>
</table>

### Display

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>LED backlit LCD (A grade)</td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Resolution</td>
<td>4K UHD</td>
</tr>
<tr>
<td>Positioning accuracy</td>
<td>&lt;2 mm</td>
</tr>
<tr>
<td>Horizontal frequency (minimum)</td>
<td>31 Hz</td>
</tr>
<tr>
<td>Horizontal frequency (maximum)</td>
<td>140 kHz</td>
</tr>
<tr>
<td>Vertical frequency (minimum)</td>
<td>59 Hz</td>
</tr>
<tr>
<td>Vertical frequency (maximum)</td>
<td>70 Hz</td>
</tr>
<tr>
<td>Contrast ratio (typical)</td>
<td>1200:1</td>
</tr>
<tr>
<td>Brightness (maximum)</td>
<td>≥350 cd/m²</td>
</tr>
<tr>
<td>Refresh frequency</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Pixel clock (maximum)</td>
<td>600 MHz</td>
</tr>
<tr>
<td>Pixel dimensions</td>
<td>0.37 mm</td>
</tr>
<tr>
<td>Viewing angle</td>
<td>178°</td>
</tr>
<tr>
<td>Response time (typical)</td>
<td>8 ms</td>
</tr>
<tr>
<td>Ambient light sensor</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Audio

10 W integrated speakers (*2)

### Wireless

802.11 Wi-Fi a/b/g/n/ac 2.4GHz and 5GHz

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*2Requires SMART Product Drivers to be installed. Some applications might not support all touch points.
*3Chrome OS is limited to 10 simultaneous touches. Pens and eraser are not supported.
## SPECIFICATIONS
**SMART BOARD MX265 INTERACTIVE DISPLAY WITH IQ – MODEL SBID-MX265**

### Included cables and accessories
- iQ appliance
- Country-specific power cable
- 16' 5" (5 m) USB cable
- Wall mount bracket kit
- Pen (×2)
- Antennas (×2)
- IR remote control

### iQ appliance

<table>
<thead>
<tr>
<th>Wireless technology</th>
<th>Bluetooth® dual mode (backwards compatible with Bluetooth 4.1 + EDR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capture options</td>
<td>Establish a Bluetooth connection with a supported mobile device (see below) by scanning the interactive display's unique QR code</td>
</tr>
</tbody>
</table>

### Supported languages
- Dutch
- English
- French
- German
- Italian
- Korean
- Norwegian
- Russian
- Simplified Chinese
- Spanish
- Swedish
- Traditional Chinese
- Ukrainian
- Vietnamese

### Mounting holes
For a standard VESA® 500 mm × 400 mm mounting plate with M6 screws

### Mounting bracket depth
Minimum clearance depth of 1 1/4" (3 cm) for all components on the back of the interactive display for airflow

### NOTE
A wall mount is included with the display.
Connectors

<table>
<thead>
<tr>
<th>Back</th>
<th>Connectors panel:</th>
<th>IQ appliance (AM40):</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI® in (with HDCP 2.2 support) (×2)</td>
<td>HDMI 1.4 (HDCP-compliant)</td>
<td>USB 3.0 Type-A (×2)</td>
</tr>
<tr>
<td>VGA in RJ45 (×2)</td>
<td>S/PDIF out (optical)</td>
<td>HDMI 1.4 (HDCP-compliant)</td>
</tr>
<tr>
<td>USB Type-B (for touch applications) (×1)</td>
<td>Stereo 3.5 mm in (for VGA in)</td>
<td></td>
</tr>
<tr>
<td>USB 2.0 Type-A (×2)</td>
<td>Stereo 3.5 mm out</td>
<td></td>
</tr>
<tr>
<td>HDMI 1.4 out (HDCP-compliant)⁴</td>
<td>OPS slot</td>
<td></td>
</tr>
<tr>
<td>S/PDIF out (optical)</td>
<td>RS-232 control</td>
<td></td>
</tr>
</tbody>
</table>

Front

HDMI in (with HDCP 1.4 support)
USB Type-B (for touch applications)
USB Type-A (×2)

Applications

Interactive display
- Apps included in the iQ appliance
- One-year subscription to SMART Learning Suite

Installation requirements

<table>
<thead>
<tr>
<th>Interactive display</th>
<th>See the SMART Board MX series interactive displays installation and maintenance guide (smarttech.com/kb/171257)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMART Notebook® Player mobile app</td>
<td>iOS 10 or later operating system software</td>
</tr>
</tbody>
</table>
| SMART kapp® app Apple devices | iOS 9 or later operating system software  
50 MB of storage 
iPhone 4S or later 
Third-generation iPad or later 
First-generation iPad mini or later 
First-generation iPod touch or later |
| Android devices | Android 4.4.4 (KitKat) or later operating system  
50 MB of storage (internal or SD card)  
1024 MB of RAM  
720p or better screen resolution  
Bluetooth 2.1 + EDR  
3 megapixel or better rear-facing camera (recommended) |

⁴HDCP is always enabled. Content is shown in 480p resolution if the external display doesn’t support HDCP.
## SMART kapp viewer

<table>
<thead>
<tr>
<th>Platform</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile</td>
<td>Safari for iOS 9 or later operating system software</td>
</tr>
<tr>
<td></td>
<td>Chrome™ for Android 39.0.2171.93 or later</td>
</tr>
<tr>
<td>Desktop</td>
<td>Internet Explorer® 10 or later</td>
</tr>
<tr>
<td></td>
<td>Chrome 39.0.2171.95 or later</td>
</tr>
<tr>
<td></td>
<td>Firefox® 34.0.5 or later</td>
</tr>
<tr>
<td></td>
<td>Safari 8.0 or later</td>
</tr>
</tbody>
</table>

### Room computers and guest laptops

#### General requirements

See the SMART Notebook software release notes

#### 4K UHD

Graphics card that supports 3840 × 2160 resolution at 30 Hz and that has 1 GB DDR 5 memory

See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel

### Mini-computers

#### General requirements

See the SMART Notebook software release notes

### Cable requirements

#### HDMI

Maximum length: 23’ (7 m)

**NOTES**

- Use only certified HDMI cables that have been tested to support the performance standard you require.
- The performance of cables longer than 23’ (7 m) is highly dependent on the cable’s quality.

#### USB

Maximum length: 16’ (5 m)

**Important**

Using cables that are longer than these maximum lengths can produce unexpected results, such as degraded picture quality or USB connectivity. Refer to SMART installation standards (smarttech.com/kb/171035) for comprehensive information about cables and extensions for SMART hardware products.

### Storage and operating requirements

#### Power requirements

100V to 240V AC, 50 Hz to 60 Hz

#### Interactive flat panel and iQ appliance power consumption at 77°F (25°C)

<table>
<thead>
<tr>
<th>Mode</th>
<th>Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standby mode</td>
<td>6.5 W</td>
</tr>
<tr>
<td>Normal operating</td>
<td>106 W</td>
</tr>
</tbody>
</table>

#### Standalone interactive display power consumption at 77°F (25°C)

<table>
<thead>
<tr>
<th>Mode</th>
<th>Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standby mode</td>
<td>≤0.3 W</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal operating (out-of-box)</td>
<td>100 W</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>41–95°F (5–35°C)</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-4–140°F (-20–60°C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>5–80% relative humidity, non-condensing</td>
</tr>
</tbody>
</table>

Certification and compliance

**Regulatory certification** (Model ID: IDX65-1)
- UL (U.S./Canada), FCC, IC, CE, EAC, RCM, NRCS, SABS, CITC, TRA, CCC

**Environmental compliance**
- European Union: REACH, RoHS, Battery, WEEE and Packaging
- U.S.: CONEG Packaging, California Proposition 65 and Conflict Minerals

Purchasing information

**Order number**
- SBID-MX265: SMART Board MX065 interactive display with iQ and one-year subscription of SMART Learning Suite

**Optional accessories**
- Other: See smarttech.com/accessories

**Warranty**
- North America and rest of world (except UK): Three-year limited equipment warranty
- UK: Five-year limited equipment warranty

**Extended warranty**
- EWY1-SBID-MX265: SBID-MX265 interactive display with iQ one-year warranty extension
- EWY2-SBID-MX265: SBID-MX265 interactive display with iQ two-year warranty extension