

## Specifications

# SMART Board® MX375 interactive display with iQ and Intel® Compute Card

Model SBID-MX375

## 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 75" 4K Ultra HD resolution display includes SMART Learning Suite and a standard three-year warranty.

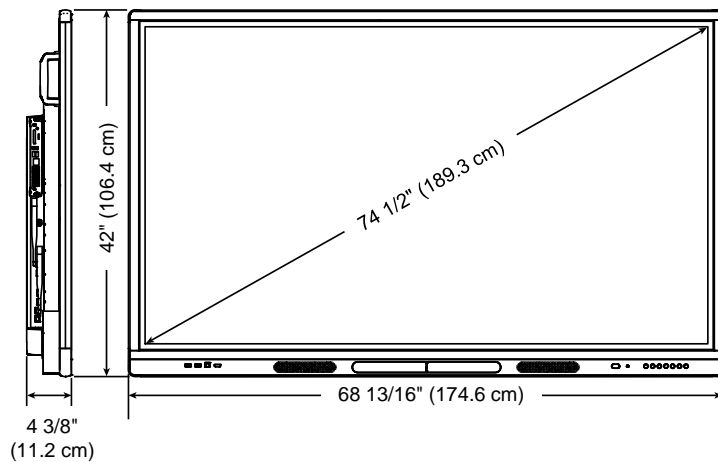
The embedded iQ appliance offers one-touch access to SMART Learning Suite applications, including SMART Notebook® lessons and SMART lab™ activities. You can also access collaboration tools, including a digital whiteboard, a web browser, and wireless screen sharing.

Install an Intel Compute Card in the appliance to provide a complete Windows 10 solution at your fingertips. Choose from three compute card options to provide a consistent room-to-room Windows Full HD experience.



## Dimensions and weights<sup>1</sup>

### Dimensions



### Weight

133 lb. (60 kg)

### Active touch area

66 1/2" × 38" (168.8 cm × 96.6 cm)

### Active image area

65" × 36 1/2" × (165 cm × 92.8 cm)

### Shipping dimensions (including pallet)

75" W × 50 1/4" H × 11 5/8" D  
(190.5 cm × 127.7 cm × 29.5 cm)

### Shipping weight

192 lb. (87 kg)

<sup>1</sup>All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).

## Hardware

### Interaction

Touch technology	IR
Multitouch capabilities	Up to 20 simultaneous touch, writing, or erase points <sup>23</sup>
Object Awareness™	Behavior adjusts automatically to the tool or object you're using, whether it's a pen, finger or palm.

### Display

Type	LED backlit LCD (A grade)
Aspect ratio	16:9
Resolution	4K UHD
Positioning accuracy	<2 mm
Horizontal frequency (minimum)	31 Hz
Horizontal frequency (maximum)	140 kHz
Vertical frequency (minimum)	59 Hz
Vertical frequency (maximum)	70 Hz
Contrast ratio (typical)	1600:1
Brightness (maximum)	≥350 cd/m <sup>2</sup>
Refresh frequency	60 Hz
Pixel clock (maximum)	600 MHz
Pixel dimensions	0.43 mm
Viewing angle	178°
Response time (typical)	8 ms
Ambient light sensor	Yes

**Audio** 10 W integrated speakers (×2)

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

<sup>2</sup>Requires SMART Product Drivers to be installed. Some applications might not support all touch points.

<sup>3</sup>Chrome OS is limited to 10 simultaneous touches. Pens and eraser are not supported.

## SMART BOARD MX375 INTERACTIVE DISPLAY WITH IQ AND INTEL COMPUTE CARD – MODEL SBID-MX375

<b>Included cables and accessories</b>	iQ appliance Country-specific power cable 16' 5" (5 m) USB cable Wall mount bracket kit Pen (×2) Antennas (×2) IR remote control
<b>iQ appliance</b>	
Wireless technology	Bluetooth® dual mode (backwards compatible with Bluetooth 4.2 + EDR)
Capture options	Establish a Bluetooth connection with a supported mobile device (see below) by scanning the interactive display's unique QR code
Intel Compute Card features	See <i>iQ appliance with Intel Compute Card for SMART Board interactive displays specifications</i> ( <a href="http://smarttech.com/kb/171263">smarttech.com/kb/171263</a> )
Supported languages	Danish Dutch English Finnish French German Italian Korean Norwegian Portuguese Russian Simplified Chinese Spanish Swedish Traditional Chinese Ukrainian Vietnamese
<b>Mounting holes</b>	For a standard VESA® 600 mm × 400 mm mounting plate with M8 screws  <b>NOTE</b> A wall mount is included with the display.
<b>Mounting bracket depth</b>	Minimum clearance depth of 1 1/4" (3 cm) for all components on the back of the interactive display for airflow

## Connectors

<b>Back</b>	Connector panel:	iQ appliance (AM50):
	HDMI® in (with HDCP 2.2 support) (×2) VGA in RJ45 (×2) USB 2.0 Type-B (for touch applications) (×1) USB 2.0 Type-A (×2) HDMI 1.4 out (HDCP-compliant) <sup>4</sup> S/PDIF out (optical) Stereo 3.5 mm in (for VGA in) Stereo 3.5 mm out OPS slot RS-232 control	HDMI 1.4 (3840 × 2160) output for external monitor USB 3.0 Type-A (for iQ) USB 3.0 Type-A (for Intel Compute Card) RJ45 Gigabit Ethernet
<b>Front</b>	HDMI in (with HDCP 1.4 support) USB 2.0 Type-B (for touch applications) USB 2.0 Type-A (×2)	

## Applications

<b>Interactive display</b>	Apps included in the iQ appliance One-year subscription to SMART Learning Suite
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## Installation requirements

<b>Interactive display</b>	See the <i>SMART Board MX series interactive displays installation and maintenance guide</i> ( <a href="http://smarttech.com/kb/171257">smarttech.com/kb/171257</a> )
<b>SMART Notebook® Player mobile app</b>	iOS 10 or later operating system software
<b>SMART kapp® app</b>	
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 Fifth-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)

<sup>4</sup>HDCP is always enabled. Content is shown in 480p resolution if the external display doesn't support HDCP.

**SMART kapp viewer**

Mobile	Safari for iOS 9 or later operating system software Chrome™ for Android 39.0.2171.93 or later
Desktop	Internet Explorer® 10 or later Chrome 39.0.2171.95 or later Firefox® 34.0.5 or later Safari 8.0 or later

**Room computers and guest laptops**

General requirements	See the <a href="#">SMART Notebook software release notes</a>
4K UHD	Graphics card that supports 3840 × 2160 resolution at 30 Hz and that has 1 GB DDR 5 memory See <a href="#">Minimum requirements for Ultra High Definition or 4K on your interactive flat panel</a>

**Mini-computers**

General requirements	See the <a href="#">SMART Notebook software release notes</a>
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**Cable requirements**

<b>HDMI</b>	Maximum length: 23' (7 m)
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**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.

<b>USB</b>	Maximum length: 16' (5 m)
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<b>Important</b>	Using cables that are longer than these maximum lengths can produce unexpected results, such as degraded picture quality or USB connectivity. Refer to <i>SMART installation standards</i> ( <a href="http://smarttech.com/kb/171035">smarttech.com/kb/171035</a> ) for comprehensive information about cables and extensions for SMART hardware products.
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**Storage and operating requirements**

<b>Power requirements</b>	100V to 240V AC, 50 Hz to 60 Hz
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**Interactive flat panel and IQ appliance power consumption at 77°F (25°C)**

Standby mode	15 W
Normal operating	253 W

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

Standby mode	≤0.3 W
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## SPECIFICATIONS

### SMART BOARD MX375 INTERACTIVE DISPLAY WITH IQ AND INTEL COMPUTE CARD – MODEL SBID-MX375

Normal operating (out-of-box)	238 W
<b>Operating temperature</b>	41–95°F (5–35°C)
<b>Storage temperature</b>	-4–140°F (-20–60°C)
<b>Humidity</b>	5–80% relative humidity, non-condensing

## Certification and compliance

**Regulatory certification** UL (U.S./Canada), FCC, ISED, CE, EAC, RCM  
(Model ID: IDX75-1)

### 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-MX375-PT	SMART Board MX075 display with iQ and Intel Compute Card (with Pentium N4200 processor) + Windows 10 Pro, and SMART Learning Suite
SBID-MX375-I5	SMART Board MX075 display with iQ and Intel Compute Card (with Intel Core i5-7Y57 processor) + Windows 10 Pro, and SMART Learning Suite

### Optional accessories

Other	See <a href="https://www.smarttech.com/accessories">smarttech.com/accessories</a>
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### Warranty

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

### Extended warranty

EWY1-SBID-MX375	SBID-MX375 interactive display with iQ one-year warranty extension
EWY2-SBID-MX375	SBID-MX375 interactive display with iQ two-year warranty extension

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[smarttech.com/contactsupport](https://www.smarttech.com/contactsupport)

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