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Specifications

SMART Board® MX065-V2 interactive display with iQ

Model SBID-MX265-V2

Overview

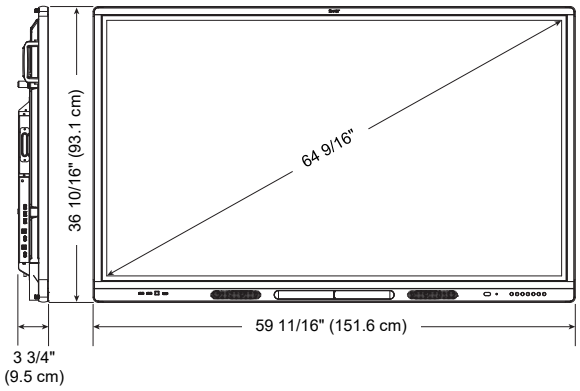
The SMART Board® MX065-V2 interactive display with iQ has all the essentials educators need for bringing the devices students love into any learning environment. This display is great value for schools that need an interactive display on a budget. The 65" 4K Ultra HD resolution display includes a one-year subscription to SMART Learning Suite and a standard three-year warranty.



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

Dimensions and weights[1]

Dimensions



Weight

102 lb. (46.1 kg)

Active touch area

57 3/8" × 32 3/4" (145.7 cm × 83.3 cm)

Active image area

56 1/4" × 31 5/8" (142.9 cm × 80.4 cm)

Shipping dimensions (including pallet)

66 3/8" W × 45 3/4" H × 10 1/4" D
(168.5 cm× 116.2 cm × 26 cm)

Shipping weight

137 lb. (62 kg)

As an ENERGY STAR® certified signage display, the SMART Board MX065-V2 interactive display meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

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

Hardware

Interaction	
Touch technology	HyPr Touch™ with Advanced IR
Multitouch capabilities	Up to 20 simultaneous touch, writing, or erase points[2] [3]
Object Awareness™	Behavior adjusts automatically to the tool or object you're using, whether it's a pen, finger or palm.
Positioning accuracy	<2 mm
Display	
Type	LED backlit LCD (A grade)
Aspect ratio	16:9
Resolution	4K UHD (3840 × 2160)
Horizontal frequency	31 Hz–140 kHz
Vertical frequency	59 Hz–70 Hz
Brightness (maximum)	≥400 cd/m^2
Refresh frequency	60 Hz
Pixel clock (maximum)	590 MHz
Pixel dimensions	0.37 mm
Viewing angle	178°
Response time (typical)	6 ms
Ambient light sensor	Yes
Bluetooth®	Bluetooth 4.2 dual mode (backwards compatible with Bluetooth 2.1 + EDR)
Audio	15 W integrated speakers (×2)
Wireless	IEEE 802.11a/b/g/n/ac with 2 × 2 MIMO (both 2.4 and 5 GHz bands) supporting WEP, WPA, WPA2 PSK, and 802.1X EAP authentication protocols
Included cables and accessories	Country-specific power cable 16' 5" (5 m) USB cable Wall mount bracket kit Pen (×2) Antenna (×2) IR remote control (with two AAA batteries)
Mounting holes	For a standard VESA® 600 mm × 400 mm mounting plate with M8 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

[2] Requires the latest version of SMART Product Drivers. Some applications might not support all touch points.

[3] Chrome OS is limited to 10 simultaneous touches. Pens and eraser are not supported.

iQ experience

iQ experience	iQ experience embedded in the display provides better performance without the need to install a separate appliance
Included apps and features	Customizable Home screen Whiteboard SMART Notebook Player Browser Screen Share File and app libraries Writing and drawing over any input Freeze screen and screen shade Automatic software updates
Supported languages	Chinese (simplified) Chinese (traditional) Czech Danish Dutch English Estonian Finnish French German Greek Hungarian Italian Japanese Korean Latvian Lithuanian Norwegian Polish Portuguese Romanian Russian Slovak Slovenian Spanish Swedish Ukrainian Vietnamese Welsh

Software

Included software	iQ Android-based embedded computing SMART Ink® and SMART Product Drivers SMART Notebook® basic version Bonus one-year subscription to SMART Learning Suite (including SMART Notebook software)

Other software (sold separately)

SMART Remote Management	Cloud-based device management software for remotely maintaining, supporting, controlling, and securing the display and your other devices. Comes installed on the display and can be used as a 30-day trial before activation. See SMART Remote Management for more information.

Connectors

Side connector panel	1 Accessory slot (for 60W OPS devices) 1 HDMI® 2.0 out with HDCP 2.2 support[4] 1 USB 2.0 Type-A (for service use only) 1 USB 3.0 Type-A (for currently selected input source) **HDMI 1** 1 HDMI 2.0 in with HDCP 1.4 and HDCP 2.2 support 1 USB 3.0 Type-B (for touch) **HDMI 2** 1 HDMI 2.0 with HDCP 1.4 and HDCP 2.2 support 1 USB 3.0 Type-B (for touch)
Front connector panel	1 USB 2.0 Type-A (for the display) 1 USB 2.0 Type-A (for currently selected input source) **HDMI 3** 1 HDMI 2.0 in with HDCP 1.4 and HDCP 2.2 support 1 USB 2.0 Type-B (for touch)
Bottom connector panel	1 RS-232 2 RJ45 1 S/PDIF out (fixed) 1 Stereo 3.5 mm out (variable) **VGA 1** 1 Stereo 3.5 mm in (for VGA in) 1 VGA in 1 USB 3.0 Type-B (for touch)

Installation requirements

Interactive display

See the *SMART Board MX (V2) and MX (V2) Pro series interactive displays installation and maintenance guide* (smarttech.com/kb/171555)

IMPORTANT

The display needs an internet connection for downloading and installing important updates. Ask the network administrator to configure the network correctly for the iQ experience. For more information about network configuration, see Connecting a SMART display with the iQ experience to a network.

Room computers and guest laptops

General requirements	See SMART Notebook software release notes
4K UHD	Video card that can support 3840 × 2160 resolution at 60 Hz See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel

[4]HDCP is always enabled. Content is shown in 480p resolution if the external display doesn't support HDCP.

Cable requirements

HDMI	Maximum length: 23' (7 m) **NOTES** • A certified Premium High Speed HDMI Cable is required for a display resolution of 3840 × 2160 at more than 30 Hz (such as 50 or 60 Hz). • The performance of cables longer than 23' (7 m) is highly dependent on the cable's quality.
USB 2.0	USB 2.0 certified Hi-Speed (480 Mbps) support Maximum length: 16' (5 m)
USB 3.0	USB 3.0 certified SuperSpeed (5 Gbps) support Maximum length: 9' (3 m) **NOTES** • SMART supports only installations that use directly connected video and USB cables, AC-powered extenders, or USB extenders purchased from SMART. • You might be able to use higher-grade cables that are longer than specified. If you have problems with such a cable or an extender of any type, test the connection with a shorter cable before contacting SMART Support.

USB Type-C	USB 3.1 certified
	SuperSpeed (5 Gbps) support
	Maximum length: 6' (2 m)
	NOTES
	• To use a USB Type-C cable for video, you need:
	  ◦ A full-featured cable that supports USB 3.1 (Gen 1 or Gen 2)
	  ◦ A computer that supports Display Port Alternate Mode
	• Passive USB Type-C cables are sufficient for 60 W charging.
	• You might be able to use higher-grade cables that are longer than specified. If you have problems with such a cable or an extender of any type, test the connection with a shorter cable before contacting SMART Support.

Important	Using cables that exceed these maximum lengths can produce unexpected results, such as degraded picture quality or USB connectivity. Refer to *Installation best practices for SMART products* (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
Standalone interactive display power consumption at 77°F (25°C)	
Standby mode	<0.5 W

Normal operating (out-of-box)	103 W
Operating temperature	41–95°F (5–35°C)
Storage temperature	-4–140°F (-20–60°C)
Humidity	5–80% relative humidity, non-condensing

Certification and compliance (partial)

U.S. / Canada	UL, FCC, ISED, CONEG Packaging, Proposition 65
EU / EEA / EFTA / UK	CE, UKCA, LVD, CB, EMCD, RED, REACH, RoHS, Battery, WEEE, Packaging, POP
Australia / New Zealand	RCM
Performance standards	ENERGY STAR®, HDMI, USB
Other	Contact your sales representative

Purchasing information

Order number	
SBID-MX265-V2	SMART Board MX065-V2 interactive display with iQ and one-year subscription of SMART Learning Suite
Optional accessories	
Other	See smarttech.com/accessories

Warranty information

SMART Assure warranty	Includes advanced hardware replacement and access to onsite support. Terms and conditions vary by region. Contact your local reseller or distributor for information and visit smarttech.com/warranty.

smarttech.com/support
smarttech.com/contactsupport

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