



SMART Board® MX (V5) series



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Display

Screen sizes (diagonal)	55" 65" 75" 86"
Backlight	LED
Aspect ratio	16:9
Maximum display resolution	4K UHD (3840 × 2160)
Refresh rate	60 Hz
Lifespan	≥ 50,000 hours
Brightness¹	55": 300 cd/m ² 65", 75", 86": 400 cd/m ²
Display response time	≤ 8 ms
Viewing angle	178°
Glass	55": Full heat-tempered Anti-glare 65", 75", 86": Full heat-tempered Anti-glare Bonded
Frame color	White
Convenience buttons	Power Home Volume Input select Screen shade Freeze frame
Sensors	Proximity ² Ambient light Infrared
Audio	55": 2 integrated 15 W speakers 65", 75", 86": 2 integrated 20 W speakers Integrated linear six-microphone array with support for onboard acoustic echo cancellation



NFC

Integrated RFID NFC reader/writer
CCID (chip card interface device)
when used with a native operating
system driver for Windows®, Linux®,
or Mac

Supported protocols: ISO 14443A/B,
ISO 15693, NFC Tag 1-4

Interactive experience

Touch technology	HyPr Touch™ with Advanced IR
Touch features	Simultaneous tool differentiation Object Awareness™ Silktouch™
Typical touch response time	≤ 5 ms
Frame rate	≥ 200 Hz
Accuracy	1 mm
Minimum object size	2 mm
Multitouch capabilities	Up to 50 touch points (OS dependent)
Tools included	Pens (x2)
Tool holders	Magnetic Frame-mounted

Software

Included	SMART Notebook® SMART Product Drivers and SMART Ink®
Optional	SMART Notebook Plus Lumio™

¹Brightness of individual displays can vary.

²Only available on some models

PC computing		
OPS support³	SMART PCM modules	
PC module power supported OPS	85 W	
Optional computing module	See > smarttech.com/accessories	

Inputs	Front	Back
OPS PC accessory slot	–	1
microSD slot with security cover	–	1
HDMI® 2.1 4K @ 60Hz with HDCP 1.4, HDCP 2.3, ARC, and eARC support ⁴	1	3
VGA video	–	1
Stereo 3.5 mm (variable)	–	1
RS-232 (DB-9 connector)	–	1
RJ45 (LAN IN)	–	1
USB Type-C 4K @ 60Hz Display Port 1.2, HDCP 2.3 and HDCP 1.3, USB 2.0 (UFP) for touch and digital audio, USB 3.2 Gen 1 (DFP) for peripherals; 27 W power delivery	1	–
USB Type-C, 4K @ 60Hz, Display Port 1.2, USB 2.0 (UFP) for touch and digital audio, USB 3.2 Gen 1 (DFP) for peripherals; 65W power delivery	–	1
USB 2.0 Type-A	–	1
USB 3.2 Gen 1 Type-A	2	2
USB 3.2 Gen 1 Type-B	1	3

Outputs	Front	Back
HDMI 2.1 4K @ 60Hz with HDCP 2.3 support	–	1
USB Type-C 4K @ 60Hz Display Port 1.4a, HDCP 2.3 and HDCP 1.3, USB 3.2 Gen 1 (DFP) for touch ingest and peripherals; 4.5 W power delivery	–	1
Stereo 3.5 mm (variable)	–	1
S/PDIF optical (fixed)	–	1
RJ45 (LAN OUT)	–	1

³The support and performance of third-party OPS (Open Pluggable Specification) and OPS-C modules may vary. Conduct proper compatibility testing to avoid potential issues.

⁴ARC and eARC support are available only with the HDMI 2 input.

Included cables and accessories	Qty
Country-specific power cable	1
16' 5" (5 m) USB 2.0 A to B cable	1
6' (1.8 m) USB 3.2 Gen 1 Type-C cable, 5A	1
Pens	2
External tri-band Wi-Fi (2.4, 5, and 6-7.2 GHz) and Bluetooth® (2.4 GHz) antennas	2
Remote control	1
AAA batteries	2
Illustrated installation instructions	1
Important information document	1

Connectivity

Wired RJ45 (x2) 1000BASE-T

Storage and operating requirements

Power requirements	100V to 240V AC, 50 Hz to 60 Hz
Operating temperature	41–95°F (5–35°C)
Storage temperature	–4–140°F (–20–60°C)
Humidity	5–80% relative humidity, non-condensing

Power consumption

Typical	55": 72 W 65": 90 W 75": 103 W 86": 149 W
Standby	0.2 W

Certification and compliance⁵

Regulatory models	IDX55-5 IDX65-5 IDX75-5 IDX86-5
US / Canada	UL FCC ISD TSCA CONEG Packaging Proposition 65
EU / EEA / EFTA / UK	CE UKCA LVD CB EMC RED REACH RoHS Battery WEEE Packaging POP Ecodesign
Australia / New Zealand	RCM RSM
Performance standards	ENERGY STAR® HDMI HDCP

⁵Product availability may vary by region.

This product has received additional certifications not listed here.

Purchasing information⁶

Order numbers

MX055-V5	SMART Board® MX055-V5 interactive display
MX065-V5	SMART Board MX065-V5 interactive display
MX075-V5	SMART Board MX075-V5 interactive display
MX086-V5	SMART Board MX086-V5 interactive display

Optional accessories

WM-SBID-200	SMART Wall Mount for SMART MX series interactive displays
Other accessories	See > smarttech.com/accessories

SMART Warranty

Terms and conditions and warranty upgrade options vary by region. Visit smarttech.com/warranty or contact your reseller for information.

Cable requirements

See > *SMART cables and connectors guide*
(docs.smarttech.com/kb/171926)



⁶Order numbers may vary by region.

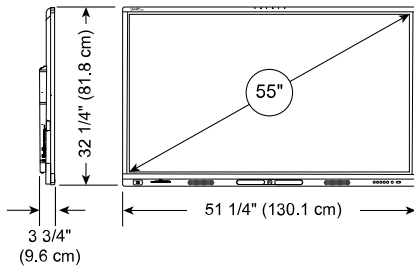
Installation, dimensions, and weights

Notes

- All dimensions $\pm 1/8"$ (0.3 cm). All weights ± 2 lb. (0.9 kg). All dimensions and weight values are preliminary and subject to change.
- Product ships upright.
- Leave space around the display to ensure adequate ventilation.

55" models

Dimensions



Weight

71 lb. (32 kg)

Shipping dimensions (including pallet)

56 1/8" \times 43 3/4" \times 6 1/4"
(142.5 cm \times 111 cm \times 16 cm)

Shipping weight

103 lb. (47 kg)

VESA mount

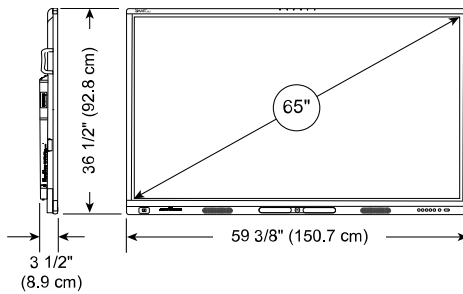
M8 | 400 \times 400 mm

Handles

—

65" models

Dimensions



Weight

89 lb. (40 kg)

Shipping dimensions (including pallet)

63 3/4" \times 45 7/8" \times 6 1/4"
(162 cm \times 116.5 cm \times 16 cm)

Shipping weight

124 lb. (56 kg)

VESA mount

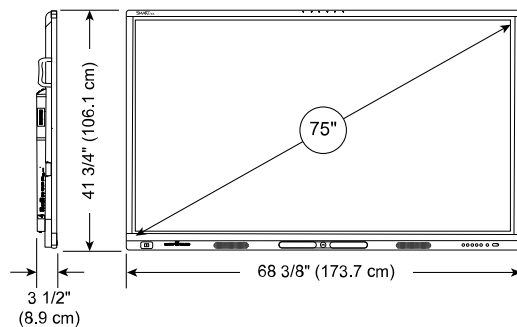
M8 | 600 \times 400 mm

Handles

2

75" models

Dimensions



Weight

119 lb. (54 kg)

Shipping dimensions (including pallet)

71 5/8" \times 50 5/8" \times 6 1/4"
(182 cm \times 128.5 cm \times 16 cm)

Shipping weight

159 lb. (72 kg)

VESA mount

M8 | 800 \times 400 mm

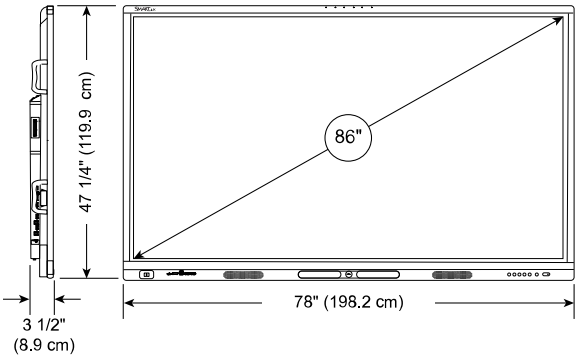
Handles

2

Installation, dimensions, and weights (continued)

86" models

Dimensions



Weight

150 lb. (68 kg)

Shipping dimensions (including pallet)

85 1/4" x 56 7/8" x 6 1/4"
(216.5 cm x 144.5 cm x 16 cm)

Shipping weight

207 lb. (94 kg)

VESA mount

M8 | 800 x 600 mm

Handles

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