SMART®

SMART Board® **MX (V5) series with iQ**

ENERGY STAR

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
Brightness[1]	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	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	40 – Windows 32 – Android™ 20 – Mac 10 – Chrome OS™
Tools included	Pens (×2)
Tool holders	Magnetic | Frame-mounted

Software

Included	iQ embedded Android OS SMART Notebook® SMART Product Drivers and SMART Ink® SMART Remote Management[2]
Optional	SMART Notebook Plus Lumio™

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[1]Brightness of individual displays can vary.

[2]Subscription for the length of the included warranty

iQ embedded Android OS

Operating system	Android version 13.0 (forward compatible)
CPU	Octa-core
Memory	8 GB DDR4
OS architecture	64-bit
Storage	64 GB (up to 576 GB)
User interface	4K UHD (3840 × 2160)
Digital whiteboard	✓
Web browser	✓
Screen sharing	✓
Google Play™ Protect Certified[3]	✓
Google Play Store	✓
Other features	Personalized home screen and settings Input select Split screen Picture-in-picture (PIP) with touch pass-through Interactive widgets Templates, graphic organizers, and manipulatives File and app libraries
Ability to run third-party applications	✓
Cloud storage access	✓
NFC sign in to a SMART Account	✓
Device-based sign in to a SMART Account	✓
Languages supported	Basque | Catalan/Valencian | Chinese (simplified) | Chinese (traditional) | Czech | Danish | Dutch | English | Estonian | Finnish | French | Galician | German | Greek | Hungarian | Italian | Japanese | Korean | Latvian | Lithuanian | Norwegian | Polish | Portuguese | Romanian | Russian | Slovak | Slovenian | Spanish | Swedish | Ukrainian | Vietnamese | Welsh
Updates	Automatic over-the-air (OTA)

PC computing

OPS support[4]	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[5]	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

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

[5]ARC and eARC support are available only with the HDMI 2 input.

[3]Pending final testing

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
SMART ID cards (for NFC sign in to a SMART Account)	2
Illustrated installation instructions	1
Important information document	1

Connectivity	
Wired	RJ45 (×2) 1000BASE-T
Wi-Fi	IEEE 802.11ax (Wi-Fi 6e) supporting WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols
Bluetooth	5.2 dual mode

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 compliance[6]	
Regulatory models	IDX55-5 | IDX65-5 | IDX75-5 | IDX86-5
US / Canada	UL | FCC | ISED | TSCA | CONEG Packaging | Proposition 65

EU / EEA / EFTA / UK	CE | UKCA | LVD | CB | EMCD | RED | REACH | RoHS | Battery | WEEE | Packaging | POP | Ecodesign
Australia / New Zealand	RCM | RSM
Performance standards	ENERGY STAR® | HDMI | HDCP

Purchasing information[7]	
Order numbers	
MX255-V5	SMART Board® MX055-V5 interactive display with iQ
MX265-V5	SMART Board MX065-V5 interactive display with iQ
MX275-V5	SMART Board MX075-V5 interactive display with iQ
MX286-V5	SMART Board MX086-V5 interactive display with iQ

Optional accessories	
WM-SBID-200	SMART Wall Mount for SMART MX series interactive displays
SWC-120UHD	SMART Ultra HD Camera 120
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)
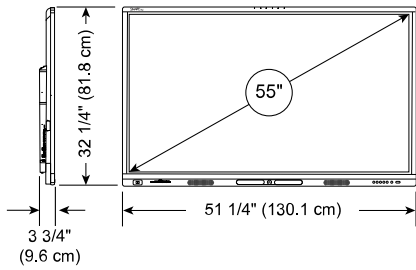

Installation, dimensions, and weights

Notes

- All dimensions ± 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" × 43 3/4" × 6 1/4"
(142.5 cm × 111 cm × 16 cm)

Shipping weight

103 lb. (47 kg)

VESA mount

M8 | 400 × 400 mm

Handles

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65" models

Dimensions
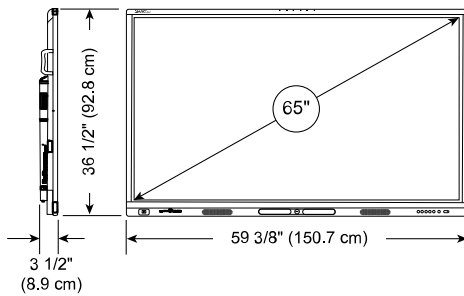
Weight

89 lb. (40 kg)

Shipping dimensions (including pallet)

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

Shipping weight

124 lb. (56 kg)

VESA mount

M8 | 600 × 400 mm

Handles

2

75" models

Dimensions
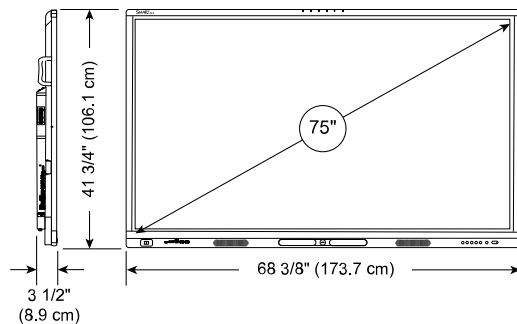
Weight

119 lb. (54 kg)

Shipping dimensions (including pallet)

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

Shipping weight

159 lb. (72 kg)

VESA mount

M8 | 800 × 400 mm

Handles

2

Installation, dimensions, and weights (continued)

86" models

Dimensions

47 1/4" (119.9 cm)

86"

78" (198.2 cm)

3 1/2"
(8.9 cm)
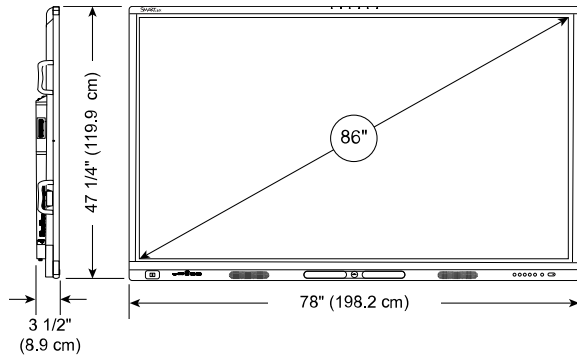
Weight

150 lb. (68 kg)

Shipping dimensions (including pallet)

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

Shipping weight

207 lb. (94 kg)

VESA mount

M8 | 800 × 400 mm

Handles

4

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