



SMART Board® displays for education

Models and specifications may vary by region. Please contact your local representative for details.

Software	GX (V3) series	MX (V5) series	RX series
SMART Notebook®	Included	Included	Included
SMART Notebook Plus	Optional	Optional	Optional
Lumio™	Optional	Optional	Optional
SMART Product Drivers and SMART Ink®	Included	Included	Included
SMART Remote Management	Optional	Subscription for the length of the warranty	Subscription for the length of the warranty

Embedded features	Digital whiteboard Web browser Screen sharing Input select File manager Overlay Split screen Picture-in-picture (PIP) with touch pass-through Interactive widgets App library	Digital whiteboard Chrome™ browser Screen sharing Google Play™ store Personalized home screen and settings Input select Split screen PIP with touch pass-through Interactive widgets Templates, graphic organizers, and manipulatives File and app libraries Google Drive™ and OneDrive™ access	Digital whiteboard Chrome browser Screen sharing Google Play store Personalized home screen and settings Input select Split screen PIP with touch pass-through Interactive widgets Templates, graphic organizers, and manipulatives File and app libraries Environmental sensors dashboard Tool Explorer™ Image Editor Google Drive and OneDrive access
Display	GX (V3) series	MX (V5) series	RX series
Screen sizes (diagonal)	65" 75" 86"	55" 65" 75" 86"	65" 75" 86"
Resolution	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)
Refresh rate	60 Hz	60 Hz	60 Hz
Lifespan	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
LCD quality	Grade A	Grade A	Grade A
Brightness¹	400 cd/m ²	55": 300 cd/m ² 65", 75", 86": 400 cd/m ²	490 cd/m ²

¹Brightness of individual displays can vary.

Display response time	≤ 8 ms	≤ 8 ms	≤ 8 ms
Glass	Full heat-tempered Anti-glare Bonded	55": Full heat-tempered Anti-glare 65", 75", 86": Full heat-tempered Anti-glare Bonded	Optically bonded Anti-glare Anti-fingerprint Heat-tempered
Sensors	Ambient light Infrared	Ambient light Infrared	Proximity Ambient light Infrared Room temperature Humidity Equivalent carbon dioxide (eCO ₂) Volatile organic compound (VOC) Particulate Matter (PM _{2.5})
Speakers	2 integrated 20 W speakers	55": 2 integrated 15 W speakers 65", 75", 86": 2 integrated 20 W speakers	Integrated soundbar featuring two 20 W speakers and a 15 W subwoofer
Microphone	N/A	Integrated linear six-microphone array with support for onboard acoustic echo cancellation	Integrated linear eight-microphone array with visual mute status indicator and support for onboard acoustic echo cancellation
QR code sign in to a SMART Account	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NFC sign in to a SMART Account	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Convenience buttons	Power Home Volume Freeze frame	Power Home Volume Input select Screen shade Freeze frame	Power Home Volume Microphone mute Freeze frame
Touch and interaction	GX (V3) series	MX (V5) series	RX series
Touch technology	Advanced infrared	HyPr Touch™ with Advanced IR	HyPr Touch with Advanced IR
Frame rate	≥ 125 Hz	≥ 200 Hz	≥ 300 Hz
Touch response time	≤ 8 ms	≤ 5 ms	≤ 4 ms
Accuracy	1 mm	1 mm	1 mm

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Minimum object size	2 mm	2 mm	2 mm
Continuous touch points (fully differentiated)	Up to 40 touch points (OS dependent)	Up to 40 touch points (OS dependent)	Up to 40 touch points (OS dependent)
Interaction types	Pens Touch Gesture Palm erase	Pens Touch Gesture Palm erase	Pens Touch Gesture Palm erase Erase Fine erase Tool Explorer tools
Eraser, pen, and touch differentiation (simultaneous tool differentiation)	<input checked="" type="checkbox"/> ²	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Continuous pen, touch, and erase (continuously write, move, and gesture and erase simultaneously)	<input checked="" type="checkbox"/> ²	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Eraser types	Palm erase	Palm erase	Palm erase Fine erase Eraser blocks
Azimuth erasing	N/A	N/A	Eraser blocks
Palm rejection	Non-writing hand in Android™ whiteboard	N/A	Writing and non-writing hand
Object recognition	<input checked="" type="checkbox"/> ³	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pressure-sensitive ink	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic pen color recognition	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unique Pen ID support	2: Windows® and macOS, when using a finger to write or draw	2: Windows and macOS, when using a finger to write or draw	Unlimited
Tools included	Pens (×2)	Pens (×2)	Stylus with multi-color select and fine eraser (×2) Erasers with angle of orientation (×2)

²A connected computer with SMART Product Drivers installed is required. Only supported in SMART Notebook and SMART Ink.

³When connected to a computer with SMART Product Drivers installed

Tool holders	Magnetic Frame-mounted	Magnetic Frame-mounted	Intelligent Magnetic Frame-mounted
Embedded Android OS	GX (V3) series	MX (V5) series	RX series
Operating system	Android version 11.0 (upgradable to Android 13.0) ⁴	Android version 13.0 (forward compatible)	Android version 13.0 (forward compatible)
CPU	Quad-core	Octa-core	Octa-core
Memory	8 GB DDR4	8 GB DDR4	8 GB DDR4
OS architecture	32-bit (Android 11) 64-bit (Android 13)	64-bit	64-bit
Storage	64 GB	64 GB (up to 576 GB)	64 GB (up to 576 GB)
User interface	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)
Updates	Over-the-air (OTA)	Automatic OTA	Automatic OTA
Network connectivity	GX (V3) series	MX (V5) series	RX series
Wired	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T
Wi-Fi	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols Wi-Fi hotspot	IEEE 802.11ax (Wi-Fi 6e) supporting WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols Wi-Fi hotspot	IEEE 802.11ax (Wi-Fi 6e) supporting WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols Wi-Fi hotspot
Bluetooth®	5.0 dual mode	5.2 dual mode	5.2 dual mode

⁴Update available in 2024 by OTA.

Classroom connectivity	GX (V3) series	MX (V5) series	RX series
Number of student devices connected to the display	9	40+ through any web browser, no sign in required ⁵	40+ through any web browser, no sign in required ⁵
Whiteboard broadcast	N/A	200 (unlimited) ⁵ Live content and annotation updates	200 (unlimited) ⁵ Live content and annotation updates
Student device collaboration activities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Whole-class collaboration tools	N/A	Two-way annotation: ink and text tool to whiteboard canvas with student attribution Polling and voting Checks for understanding Questioning and reflection exercises Freeform or categorized brainstorming and ideation Activating prior knowledge exercises	Two-way annotation: ink and text tool to whiteboard canvas with student attribution Polling and voting Checks for understanding Questioning and reflection exercises Freeform or categorized brainstorming and ideation Activating prior knowledge exercises
Device connection options (screen share)	Screen share any device on the same network: <ul style="list-style-type: none"> • AirPlay • Chromecast™ • Miracast • Screen share app • Web app 	Screen share any device, any network: <ul style="list-style-type: none"> • AirPlay • Chromecast • Miracast • Screen share app • Web app 	Screen share any device, any network: <ul style="list-style-type: none"> • AirPlay • Chromecast • Miracast • Screen share app • Web app

⁵Unlimited connections available to whiteboard. Speed and function subject to individual network capabilities.

Device connection options (whiteboard)	N/A	Live whiteboard broadcast through any web browser Contribution access through any web browser, including collaboration activities	Live whiteboard broadcast through any web browser Contribution access through any web browser, including collaboration activities
Teacher control options (screen share)	Moderated with 9× grid view	Unmoderated Moderated with 4× grid view	Unmoderated Moderated with 4× grid view
Teacher control options (whiteboard)	N/A	Teacher-led navigation Student-paced navigation Pause contributions to collaborative whiteboard canvas	Teacher-led navigation Student-paced navigation Pause contributions to collaborative whiteboard canvas
Inputs	GX (V3) series	MX (V5) series	RX series
OPS PC accessory slot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
microSD slot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HDMI®	<input checked="" type="checkbox"/> (x3) HDMI 2.0 with HDCP 1.4 and HDCP 2.2 support	<input checked="" type="checkbox"/> (x4) HDMI 2.1 4K @ 60Hz with HDCP 1.4, HDCP 2.3, ARC, and eARC support (ARC and eARC support are available only with the HDMI 2 input.)	<input checked="" type="checkbox"/> (x4) HDMI 2.1 4K @ 60Hz with HDCP 1.4, HDCP 2.3, ARC, and eARC support (ARC and eARC support are available only with the HDMI 2 input.)
Display Port 1.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VGA video	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stereo 3.5 mm (variable)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RS-232 (DB-9 connector)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RJ45 (LAN IN)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

USB Type-C	<input checked="" type="checkbox"/> (x2) Front: 15 W power delivery	<input checked="" type="checkbox"/> (x2) Front: 27 W power delivery; Side: 65 W power delivery	<input checked="" type="checkbox"/> (x2) Front and side: 65 W power delivery; Top: 15 W power delivery
USB 2.0 Type-A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB 3.2 Gen 1 Type-A	<input checked="" type="checkbox"/> (x4)	<input checked="" type="checkbox"/> (x4)	<input checked="" type="checkbox"/> (x4)
USB 2.0 Type-B	<input checked="" type="checkbox"/> (x2)	<input type="checkbox"/>	<input type="checkbox"/>
USB 3.2 Gen 1 Type-B	<input type="checkbox"/>	<input checked="" type="checkbox"/> (x4)	<input checked="" type="checkbox"/> (x4)
Outputs	GX (V3) series	MX (V5) series	RX series
HDMI	<input checked="" type="checkbox"/> HDMI 2.0 with HDCP 1.4 and 2.2 support	<input checked="" type="checkbox"/> HDMI 2.1 4K @ 60Hz with HDCP 2.3 support	<input checked="" type="checkbox"/> HDMI 2.1 4K @ 60Hz with HDCP 2.3 support
USB Type-C	<input type="checkbox"/>	<input checked="" type="checkbox"/> 4.5 W power delivery	<input checked="" type="checkbox"/> 4.5 W power delivery
Stereo 3.5 mm (variable)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
S/PDIF optical (fixed)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RJ45 (LAN OUT)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OPS accessory slot	GX (V3) series	MX (V5) series	RX series
OPS support	SMART PCM or AMG1	SMART PCM	SMART PCM
OPS power delivery	90 W	85 W	100 W
Installation	GX (V3) series	MX (V5) series	RX series
VESA mounting points	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wall mount bracket	Optional	Optional	Optional

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Included cables and accessories	Pens (x2) Remote control Country-specific power cable USB Type-A to Type-B cable	Pens (x2) Remote control Country-specific power cable USB Type-A to Type-B cable USB Type-C cable	Stylus with multi-tool select and fine eraser (x2) Erasers (x2) Remote control Country-specific power cable USB Type-A to Type-B cable USB Type-C cable
Certification and compliance⁶	GX (V3) series	MX (V5) series	RX series
US / Canada	cULus FCC ISED TSCA CONEG Packaging Proposition 65	UL FCC ISED TSCA CONEG Packaging Proposition 65	FCC ISED TSCA CONEG Packaging Proposition 65
EU / EEA / EFTA / UK	CE UKCA LVD CB EMCD RED REACH RoHS Battery WEEE Packaging POP Ecodesign	CE UKCA LVD CB EMCD RED REACH RoHS Battery WEEE Packaging POP Ecodesign	CE UKCA LVD CB EMCD RED REACH RoHS Battery WEEE Packaging POP Ecodesign
Australia / New Zealand	RCM	RCM	RCM
Performance standards	ENERGY STAR® HDMI HDCP	ENERGY STAR HDMI HDCP	ENERGY STAR HDMI HDCP
Warranty	GX (V3) series	MX (V5) series	RX series
SMART Warranty	Included. See smarttech.com/warranty for details.	Included. See smarttech.com/warranty for details.	Included. See smarttech.com/warranty for details.

smarttech.com
smarttech.com/contact

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⁶Product availability may vary by region.

This product has received additional certifications not listed here.