SMART Board® **Displays for Education**

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

Software	GX series	MX series	6000S series
SMART Notebook®	Included	Included	Included
SMART Learning Suite	Optional	Optional	Optional
SMART Ink® and SMART Product Drivers	Included	Included	Included
Embedded features	Digital whiteboard Web browser Screen sharing Input select File manager Overlay Interactive widgets App library Google Drive™ and OneDrive™ access	SMART Whiteboard Native and app-based screen sharing Web browser Personalized home screen and settings Live input preview Interactive widgets Templates, graphic organizers, and manipulatives File and app libraries Google Drive and OneDrive access	SMART Whiteboard Native and app-based screen sharing Web browser Personalized home screen and settings Live input preview Interactive widgets Templates, graphic organizers, and manipulatives File and app libraries Google Drive and OneDrive access
SMART OPS PC module for Windows® Pro computing	Optional	Optional	Optional
SMART Remote Management	Optional	Subscription for the length of the warranty	Subscription for the length of the warranty

Display	GX series	MX series	6000S 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
Brightness (maximum)	≥ 400 cd/m^2	55": ≥ 300 cd/m^2 65", 75", 86": ≥ 400 cd/m^2	≥ 350 cd/m^2
Display response time	≤ 8 ms	≤ 8 ms	≤ 8 ms
Glass	Fully heat-tempered, bonded, anti-glare	55": Fully heat-tempered, anti-glare 65", 75", 86": Fully heat-tempered, bonded, anti-glare	Fully heat-tempered, anti-glare, resists smudges and fingerprints
Sensors	Ambient light, infrared	Ambient light, infrared	Proximity, ambient light, infrared, room temperature, humidity
Speakers	2 integrated 20 W speakers	55": 2 integrated 15 W speakers 65", 75", 86": 2 integrated 20 W speakers	2 integrated 20 W speakers
Microphone	N/A	Integrated linear six-microphone array with support for onboard acoustic echo cancellation	Integrated linear four-microphone array with support for onboard acoustic echo cancellation
Remote control	☑	☑	☑
NFC sign in to a SMART account	☐	☑	☑
Touch and interaction	**GX series**	**MX series**	**6000S series**
Touch technology	Advanced infrared	HyPr Touch™ with Advanced IR	HyPr Touch with InGlass™
Frame rate	≥ 125 Hz	≥ 200 Hz	≥ 150 Hz

Touch response time	≤ 8 ms	≤ 5 ms	≤ 9 ms
Accuracy	1 mm	1 mm	1 mm
Minimum object size	2 mm	2 mm	2 mm
Continuous touch points (fully differentiated)	Up to 20 touch points (OS dependent)	Up to 20 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, erase, fine erase, highlighter, Tool Explorer™ tools
Eraser, pen, and touch differentiation (simultaneous tool differentiation)	☑[1]	☑	☑
Continuous pen, touch, and erase (continuously write, move, and gesture and erase simultaneously)	☑[1]	☑	☑
Eraser types	Palm erase	Palm erase	Palm erase, fine erase, eraser blocks
Azimuth erasing	Not supported	Not supported	Eraser blocks
Palm rejection	Non-writing hand in Android™ whiteboard	Not supported	Writing and non-writing hand
Object recognition	☑[2]	☑	☑
Pressure-sensitive ink	☐	☐	☑
Automatic pen color recognition	☐	☐	☑
Unique Pen IDs	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 (available: 6 pens and dual-color highlighter)

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

[2]When connected to a computer with SMART Product Drivers installed

Tools included	Pens (×2)	Pens (×2)	Pens with unique IDs and fine erasers (×2) Erasers (×2)
Pen type	Battery-less pen	Battery-less pen	Battery-less pen with fine eraser
Pen (and eraser) holders	Magnetic, frame-mounted	Magnetic, frame-mounted	Intelligent, magnetic, frame-mounted
Additional pen colors (sold separately)	N/A	N/A	4 color pen set: blue, green, purple, and orange (with holder) Dual-color highlighter Magic Pen
Additional Tool Explorer tools (sold separately)	When connected to a PC or Mac with SMART Product Drivers installed	N/A	Early learning cube set Math cube set Play stamp set
Embedded Android experience	**GX series**	**MX series**	**6000S series**
Operating system	Android version 11.0	Android version 11.0	Android version 11.0
Memory	4 GB DDR4	8 GB DDR	6 GB DDR
Storage	32 GB	32 GB (up to 544 GB)	32 GB (up to 544 GB)
Updates	Over-the-air (OTA)	Automatic OTA	Automatic OTA
Network connectivity	**GX series**	**MX series**	**6000S 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 PSK, and 802.1X EAP authentication protocols	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols	IEEE 802.1ac (Wi-Fi 5) supporting WEP, WPA, WPA2, PSK, and 802.1X EAP authentication protocols
Bluetooth	5.0 dual mode	5.2 dual mode	5.0 dual mode

Radio and Bluetooth restrictions? Learn more			
Classroom connectivity	**GX series**	**MX series**	**6000S series**
Number of student devices connected to the display	9	40+ through any web browser, no sign in required[3]	40+ through any web browser, no sign in required[3]
Whiteboard broadcast	N/A	200 (unlimited)[3] Live content and annotation updates	200 (unlimited)[3] Live content and annotation updates
Student device collaboration activities	☐	☑	☑
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 connnection options (screencast)	Screencast any device on the same network: • AirPlay • Google Cast™ • Miracast • Screencast app • Web app • Your favorite video conferencing software (any network)	Screencast any device, any network: • AirPlay • Google Cast • Miracast • Screencast app • Web app • Your favorite video conferencing software (any network)	Screencast any device, any network: • AirPlay • Google Cast • Miracast • Screencast app • Web app • Your favorite video conferencing software (any network)

[3]Unlimited 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 (screencast)	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
Video conferencing platform interoperability (Zoom™, Microsoft Teams™, Google Meet™, Webex®, and more)	Supports any platform on any connected computer Administrator installation through SMART Remote Management (sold separately)	Supports any platform on any connected computer Add popular Android apps through iQ app store Administrator installation through SMART Remote Management (included)	Supports any platform on any connected computer Add popular Android apps through iQ app store Administrator installation through SMART Remote Management (included)
Inputs/outputs	**GX series**	**MX series**	**6000S series**
Convenience buttons	Power, home, freeze frame, volume	Home, power, volume, input select, screen shade, freeze frame	Power, home, volume, screen shade, freeze frame
Inputs	HDMI® 2.0 ×3 (HDCP 1.4 and 2.2), Display Port, VGA, stereo 3.5 mm, RS-232, RJ45, USB-C ×2, USB-A 3.2 ×4, USB-B 2.0 ×2, USB-A 2.0	MicroSD slot, HDMI 2.1 ×3 (HDCP 1.4 and 2.3), RS-232, RJ45, USB-C ×2, USB-A 2.0, USB-A 3.2 ×4, USB-B 3.2 ×3	HDMI 2.1 ×3 (HDCP 1.4 and 2.3), VGA, stereo 3.5 mm, RS-232, RJ45 ×2, USB-A 2.0, USB-B 2.0, USB-A 3.0 ×3, USB-B 3.0 ×3, USB-C ×2
Outputs	HDMI 2.0 (HDCP 1.4 and 2.2), RJ45, S/PDIF, stereo 3.5 mm	Stereo 3.5 mm, S/PDIF, RS-232	HDMI 2.1 (HDCP 2.3), stereo 3.5 mm, S/PDIF
OPS support	☑	☑	☑

Installation	GX series	MX series	6000S series
VESA mounting points	☑	☑	☑
Mini-VESA mount point for NUC	☐	☐	☑
Wall mount bracket	Optional	Optional	Included
Certification and compliance4	**GX series**	**MX series**	**6000S series**
US/Canada	FCC, ISED, TSCA, CONEG Packaging, Proposition 65	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 series**	**MX series**	**6000S series**
SMART Assure or limited equipment warranty	Included. See smarttech.com/warranty for details.	Included. See smarttech.com/warranty for details.	Included. See smarttech.com/warranty for details.

4Product availability may vary by region.

These products have received additional certifications not listed here.