

SMART Board® displays for education

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

Software	GX (V3) series	MX (V4) series	6000S (V3) series
SMART Notebook®	Included	Included	Included
SMART Notebook Plus	Optional	Optional	Optional
Lumio™ by SMART	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 Web browser Screen sharing Personalized home screen and settings Input select with live input preview Split screen Interactive widgets Templates, graphic organizers, and manipulatives File and app libraries Google Drive™ and OneDrive™ access	Digital whiteboard Web browser Screen sharing Personalized home screen and settings Input select with live input preview Split screen 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 (V4) series	6000S (V3) 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	350 cd/m ²
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	Full heat-tempered Anti-glare
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
NFC sign in to a SMART Account	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

¹Brightness of individual displays can vary.

Convenience buttons	Power Home Volume Freeze frame	Power Home Volume Input select Screen shade Freeze frame	Power Home Volume Screen shade Freeze frame
Touch and interaction	GX (V3) series	MX (V4) series	6000S (V3) 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 40 touch points (OS dependent)	Up to 20 touch points (OS dependent)	Up to 20 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)	☑ ²	☑	☑
Continuous pen, touch, and erase (continuously write, move, and gesture and erase simultaneously)	☑ ²	☑	☑
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

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

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 (available: 6 pens and dual-color highlighter)
Tools included	Pens (×2)	Pens (×2)	Pens with unique IDs and fine erasers (×2) Erasers with angle of orientation (×2)
Pen type	Battery-less pen	Battery-less pen	Battery-less pen with fine eraser
Tool 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
Embedded Android OS	GX (V3) series	MX (V4) series	6000S (V3) series
Operating system	Android version 11.0 (upgradable to Android 13.0) ⁴	Android version 11.0	Android version 11.0
CPU	Quad-core	Quad-core	Quad-core
Memory	8 GB DDR4	8 GB DDR4	6 GB DDR

³When connected to a computer with SMART Product Drivers installed

⁴Update available in 2024 using a USB drive (not available OTA).

OS architecture	32-bit (Android 11) 64-bit (Android 13)	64-bit	64-bit
Storage	64 GB	32 GB (up to 544 GB)	32 GB (up to 544 GB)
User interface	4K UHD (3840 × 2160)	1920 × 1080, scaler up to 2K	1920 × 1080, scaler up to 2K
Updates	Over-the-air (OTA)	Automatic OTA	Automatic OTA
Network connectivity	GX (V3) series	MX (V4) series	6000S (V3) series
Wired	RJ45 (×2) 1000baseT	RJ45 (×2) 1000baseT	RJ45 (×2) 1000baseT
Wi-Fi	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols Wi-Fi access point	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols	IEEE 802.11ac (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 (V3) series	MX (V4) series	6000S (V3) 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"/>

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

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
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

Video conferencing interoperability (Zoom™, Microsoft Teams™, Google Meet™, Webex®, and more)	Supports any conferencing platform running on a connected computer	Supports any conferencing platform running on a connected computer	Supports any conferencing platform running on a connected computer
Inputs	GX (V3) series	MX (V4) series	6000S (V3) 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"/> (x3) HDMI 2.1 4K @ 60Hz with HDCP 1.4 and HDCP 2.3 support	<input checked="" type="checkbox"/> (x3) HDMI 2.1 with HDCP 1.4 and HDCP 2.3 support
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: 15 W power delivery; Side: 65 W power delivery	<input checked="" type="checkbox"/> (x2) 65 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"/> (x3)
USB 2.0 Type-B	<input checked="" type="checkbox"/> (x2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
USB 3.2 Gen 1 Type-B	<input type="checkbox"/>	<input checked="" type="checkbox"/> (x4)	<input checked="" type="checkbox"/> (x3)

Outputs	GX (V3) series	MX (V4) series	6000S (V3) series
HDMI	<input checked="" type="checkbox"/> HDMI 2.0 with HDCP 1.4 and 2.2 support	<input checked="" type="checkbox"/> HDMI 2.1 with HDCP 2.3 support	<input checked="" type="checkbox"/> HDMI 2.1 with HDCP 2.3 support
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 (V4) series	6000S (V3) series
OPS support	SMART PCM or AMG1	SMART PCM or AM60	SMART PCM or AM60
OPS power delivery	90 W	60 W	60 W
Installation	GX (V3) series	MX (V4) series	6000S (V3) series
VESA mounting points	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wall mount bracket	Optional	Optional	Included
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	Pens (x2) Erasers (x2) Remote control Country-specific power cable USB Type-A to Type-B cable

Certification and compliance⁶	GX (V3) series	MX (V4) series	6000S (V3) series
US / Canada	cULus FCC ISED TSCA CONEG Packaging Proposition 65	UL FCC ISED TSCA CONEG Packaging Proposition 65	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	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 (V4) series	6000S (V3) 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

© 2024 SMART Technologies ULC. All rights reserved. SMART Board, SMART Notebook, Lumio by SMART, SMART Ink, HyPr Touch, Tool Explorer, smarttech, the SMART logo and all SMART taglines are trademarks or registered trademarks of SMART Technologies ULC in the U.S. and/or other countries. The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. The Bluetooth word mark is owned by the Bluetooth SIG, Inc. and any use of such marks by SMART Technologies ULC is under license. Google Drive, Google Meet, Android, and Chromecast are trademarks of Google Inc. Windows, Microsoft Teams, and OneDrive are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. AirPlay and macOS are trademarks of Apple Inc., registered in the U.S. and other countries. All other third-party product and company names may be trademarks of their respective owners. This product and/or use thereof is covered by one or more of the following U.S. patents: www.smarttech.com/patents. Contents are subject to change without notice. March 14, 2024.

⁶Product availability may vary by region.

This product has received additional certifications not listed here.