



# SMART Board® Pro displays for business

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

Software	GX (V3) series	MX (V5) Pro series	QX Pro series
<b>SMART Meeting Pro® Room license</b>	Optional	Included	Included
<b>SMART Meeting Pro Personal license (×10)</b>	Optional	Included	Included
<b>SMART TeamWorks™ Room license</b>	Optional	Optional	Optional
<b>SMART Product Drivers and SMART Ink®</b>	Included	Included	Included
<b>SMART Remote Management</b>	Optional	Subscription for the length of the warranty	Subscription for the length of the warranty
<b>Embedded features</b>	<ul style="list-style-type: none"> <li>Digital whiteboard</li> <li>Web browser</li> <li>Screen sharing</li> <li>Input select</li> <li>File manager</li> <li>Overlay</li> <li>Split screen</li> <li>Picture-in-picture (PIP) with touch pass-through</li> <li>Interactive widgets</li> <li>App library</li> </ul>	<ul style="list-style-type: none"> <li>Digital whiteboard</li> <li>Chrome™ browser</li> <li>Screen sharing</li> <li>Google Play™ store</li> <li>Personalized home screen and settings</li> <li>Input select</li> <li>Split screen</li> <li>PIP with touch pass-through</li> <li>Interactive widgets</li> <li>File and app libraries</li> <li>Google Drive™ and OneDrive™ access</li> </ul>	<ul style="list-style-type: none"> <li>Digital whiteboard</li> <li>Web browser</li> <li>Screen sharing</li> <li>Personalized home screen and settings</li> <li>Input select with live input preview</li> <li>Split screen</li> <li>Interactive widgets</li> <li>File and app libraries</li> <li>Environmental sensors dashboard</li> <li>Google Drive and OneDrive access</li> </ul>

Display	GX (V3) series	MX (V5) Pro series	QX Pro series
<b>Screen sizes (diagonal)</b>	65"   75"   86"	55"   65"   75"   86"	65"   75"   86"
<b>Resolution</b>	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)
<b>Refresh rate</b>	60 Hz	60 Hz	60 Hz
<b>Lifespan</b>	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
<b>LCD quality</b>	Grade A	Grade A	Grade A
<b>Brightness<sup>1</sup></b>	400 cd/m <sup>2</sup>	55": 300 cd/m <sup>2</sup> 65", 75", 86": 400 cd/m <sup>2</sup>	490 cd/m <sup>2</sup>
<b>Display response time</b>	≤ 8 ms	≤ 8 ms	≤ 8 ms
<b>Glass</b>	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
<b>Sensors</b>	Ambient light   Infrared	Ambient light   Infrared	Proximity   Ambient light   Infrared   Room temperature   Humidity   Volatile organic compound (VOC)   Particulate Matter (PM <sub>2.5</sub> ) <sup>2</sup>
<b>Speakers</b>	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
<b>Microphone</b>	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

<sup>1</sup>Brightness of individual displays can vary.

<sup>2</sup>The display's environmental sensors are not life safety rated sensors: they provide general information only.

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<b>NFC sign in to a SMART Account</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>SMART Ultra HD Camera (SWC-120UHD)</b>	N/A	Optional	Included
<b>Convenience buttons</b>	Power   Home   Volume   Freeze frame	Power   Home   Volume   Input select   Screen shade   Freeze frame	Power   Home   Volume   Microphone mute   Freeze frame
<b>Touch and interaction</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
<b>Touch technology</b>	Advanced infrared	HyPr Touch™ with Advanced IR	HyPr Touch with Advanced IR
<b>Frame rate</b>	≥ 125 Hz	≥ 200 Hz	≥ 300 Hz
<b>Touch response time</b>	≤ 8 ms	≤ 5 ms	≤ 4 ms
<b>Accuracy</b>	1 mm	1 mm	1 mm
<b>Minimum object size</b>	2 mm	2 mm	2 mm
<b>Continuous touch points (fully differentiated)</b>	Up to 40 touch points (OS dependent)	Up to 40 touch points (OS dependent)	Up to 40 touch points (OS dependent)
<b>Interaction types</b>	Pens   Touch   Gesture   Palm erase	Pens   Touch   Gesture   Palm erase	Pens   Touch   Gesture   Erase   Fine erase
<b>Eraser, pen, and touch differentiation (simultaneous tool differentiation)</b>	<input checked="" type="checkbox"/> <sup>3</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Continuous pen, touch, and erase (continuously write, move, and gesture and erase simultaneously)</b>	<input checked="" type="checkbox"/> <sup>3</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Eraser types</b>	Palm erase	Palm erase	Palm erase   Fine erase   Eraser blocks

<sup>3</sup>A connected computer with SMART Product Drivers installed is required. Only supported in SMART Notebook and SMART Ink.

<b>Azimuth erasing</b>	Not supported	Not supported	Eraser blocks
<b>Palm rejection</b>	Non-writing hand in Android™ whiteboard	Not supported	Writing and non-writing hand
<b>Object recognition</b>	<input checked="" type="checkbox"/> <sup>4</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Pressure-sensitive ink</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Automatic pen color recognition</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Support for multi-function pens</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Unique Pen ID support</b>	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
<b>Tools included</b>	Pens (x2)	Pens (x2)	Pens with unique IDs and fine erasers (x2) Erasers with angle of orientation (x2)
<b>Pen type</b>	Battery-less pen	Battery-less pen	Hybrid internally powered pen with fine eraser
<b>Tool holders</b>	Magnetic   Frame-mounted	Magnetic   Frame-mounted	Intelligent   Magnetic   Frame-mounted
<b>Embedded Android OS</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
<b>Operating system</b>	Android version 11.0 (upgradable to Android 13.0) <sup>5</sup>	Android version 13.0 (forward compatible)	Android version 11.0
<b>CPU</b>	Quad-core	Octa-core	Quad-core
<b>Memory</b>	8 GB DDR4	8 GB DDR4	8 GB DDR4

<sup>4</sup>When connected to a computer with SMART Product Drivers installed

<sup>5</sup>Update available in 2024 by OTA.

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<b>OS architecture</b>	32-bit (Android 11) 64-bit (Android 13)	64-bit	64-bit
<b>Storage</b>	64 GB	64 GB (up to 576 GB)	32 GB (up to 544 GB)
<b>User interface</b>	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	1920 × 1080, scaler up to 2K
<b>Updates</b>	Over-the-air (OTA)	Automatic OTA	Automatic over-the-air (OTA)
<b>Network connectivity</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
<b>Wired</b>	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T
<b>Wi-Fi</b>	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 6e) supporting WPA, WPA2, WPA3 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
<b>Bluetooth®</b>	5.0 dual mode	5.2 dual mode	5.2 dual mode
<b>Radio and Bluetooth restrictions? <a href="#">Learn more</a></b>			
<b>Inputs</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
<b>OPS PC accessory slot</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>microSD slot</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>HDMI®</b>	<input checked="" type="checkbox"/> (×3) HDMI 2.0 with HDCP 1.4 and HDCP 2.2 support	<input checked="" type="checkbox"/> (×4) 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"/> (×3) HDMI 2.1 with HDCP 1.4, HDCP 2.3, and ARC support (ARC support is available only with the HDMI 1 input)
<b>Display Port 1.2</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>VGA video</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Stereo 3.5 mm (variable)</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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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"/> (x3) 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"/> (x3)
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)
<b>Outputs</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
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 with HDCP 1.4 and 2.3 support
USB Type-C	<input type="checkbox"/>	<input checked="" type="checkbox"/> 4.5 W power delivery	<input type="checkbox"/>
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"/>
<b>OPS accessory slot</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
OPS support	SMART PCM or AMG1	SMART PCM or AM60	SMART PCM or AM60
OPS power delivery	90 W	85 W	100 W
<b>Installation</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
VESA mounting points	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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<b>Wall mount bracket</b>	Optional	Optional	Included
<b>Included cables and accessories</b>	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	Pens (x2) Erasers (x2) Remote control Country-specific power cable USB Type-A to Type-B cable USB Type-C cable
<b>Certification and compliance<sup>6</sup></b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
<b>US / Canada</b>	cULus   FCC   ISED   TSCA   CONEG Packaging   Proposition 65	UL   FCC   ISED   TSCA   CONEG Packaging   Proposition 65	UL   FCC   ISED   TSCA   CONEG Packaging   Proposition 65
<b>EU / EEA / EFTA / UK</b>	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
<b>Australia / New Zealand</b>	RCM	RCM	RCM
<b>Performance standards</b>	ENERGY STAR®   HDMI   HDCP	ENERGY STAR   HDMI   HDCP	ENERGY STAR   HDMI   HDCP
<b>Warranty</b>	<b>GX (V3) series</b>	<b>MX (V5) Pro series</b>	<b>QX Pro series</b>
<b>SMART Warranty</b>	Included. See <a href="https://smarttech.com/warranty">smarttech.com/warranty</a> for details.	Included. See <a href="https://smarttech.com/warranty">smarttech.com/warranty</a> for details.	Included. See <a href="https://smarttech.com/warranty">smarttech.com/warranty</a> for details.

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<sup>6</sup>Product availability may vary by region.

This product has received additional certifications not listed here.