

SMART Board Comparison

Business Portfolio

Education Portfolio

None Touch

													
Software	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero) Serie	GX (V4) Plus Serie	MX (V5) Plus Serie	RX Serie	SMART Board Mini	NX Serie				
SMART Meeting Pro® Room license	Included	Included	Included	X	X	X	X	** incl with PCMi5/PCMi7	X				
SMART Meeting Pro Personal license (×10)	Included	Included	Included	Optional	X	X	X	** incl with PCMi5/PCMi7	X				
SMART TeamWorks™ Room license	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	X				
SMART Product Drivers and SMART Ink®	Included	Included	Included	Included	Included	Included	Included	Included	X				
SMART Remote Management	Optional	Subscription for the length of the warranty	Subscription for the length of the warranty	Optional	Optional	Subscription for the length of the warranty	Subscription for the length of the warranty	** incl with AM60	Optional				
SMART Notebook™	Optional	Included	Included	Included	Included	Included	Included	Included	Included				
Embedded features													
Input select	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Magnet Pen holder	✓	✓	✓	✓	✓	✓	✓	✓	X				
SMART iQ4 - Digital Whiteboard	X	✓	✓	X	X	✓	✓	X	X				
SMART iQ4 - Personalized home screen and settings	X	✓	✓	X	X	✓	✓	X	X				
Chrome™ browser	X	✓	✓	X	✓	✓	✓	X	X				
Screen sharing	X	✓	✓	X	✓	✓	✓	X	✓				
Split screen	X	✓	✓	X	✓	✓	✓	X	X				
Picture-in-picture (PIP) with touch pass-through	X	✓	✓	X	✓	✓	✓	X	X				
Templates	X	✓	✓	X	✓	✓	✓	X	X				
File and app libraries	X	✓	✓	X	✓	✓	✓	X	X				
Google Drive™ and OneDrive™ access	X	✓	✓	X	✓	✓	✓	X	✓				
Environmental sensors dashboard	X	✓	✓	X	✓	✓	✓	X	X				
Tool Explorer Image Editor	X	X	✓	X	X	X	✓	X	X				
Palm Reject	X	X	✓	X	✓	✓	✓	✓	X				
PCAP Touch	X	X	X	X	X	X	X	✓	X				
Display	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie				
Screen sizes (diagonal)	55" 65" 75" 86"	55" 65" 75" 86"	65" 75" 86"	65" 75" 86"	65" 75" 86"	65" 75" 86"	65" 75" 86"	27"	65" 75" 86"				
Resolution	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)				
Refresh rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz				
Lifespan	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours				
LCD quality	Grade A	Grade A	Grade A	Grade A	Grade A	Grade A	Grade A		Grade A				
Brightness	400 cd/m²	400 cd/m²	490 cd/m²	400 cd/m²	400 cd/m²	450 cd/m²	490 cd/m²	500 cd/m²	400 cd/m²				
	55": 300 cd/m²	55": 300 cd/m²											
Display response time	≤ 8 ms	≤ 8 ms	≤ 8 ms	≤ 8 ms	≤ 8 ms	≤ 8 ms	≤ 8 ms	≤ 14 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	Full heat-tempered Anti-glare Bonded	Full heat-tempered Anti-glare Bonded	Full heat-tempered Anti-glare Bonded	Full heat-tempered Anti-glare Bonded	Anti-fingerprint Anti-glare Bonded	Full heat-tempered Anti-glare Bonded				
Sensors	Ambient light Infrared	Proximity2 Ambient light Infrared	Proximity Ambient light Infrared Room temperature Humidity Volatile organic compound (VOC) Particulate Matter (PM2.5)3	Ambient light Infrared	Ambient light Infrared	Proximity2 Ambient light Infrared	Proximity Ambient light Infrared Room temperature Humidity Volatile organic compound (VOC) Particulate Matter (PM2.5)3	Ambient light Infrared	Ambient light Infrared				
Speakers	2 integrated 20 W speakers	2 integrated 20 W speakers	Integrated soundbar featuring two 20 W speakers and a 15 W subwoofer	2 integrated 20 W speakers	2 integrated 20 W speakers	Integrated soundbar featuring two 20 W speakers and a 15 W subwoofer	Integrated soundbar featuring two 20 W speakers and a 15 W subwoofer	2 integrated 6 W speakers	2 integrated 20 W speakers				
		55": 2 integrated 15 W speakers											
Microphone	X	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	X	X	Integrated linear eight-microphone array with visual mute status indicator and support for onboard acoustic echo cancellation	Integrated linear eight-microphone array with visual mute status indicator and support for onboard acoustic echo cancellation	Integrated linear eight-microphone array with visual mute status indicator and support for onboard acoustic echo cancellation	X				
QR code sign in to a SMART Account	X	Optional	Optional	X	X	✓	✓	** incl. with AM60	X				
NFC sign in to a SMART Account	X	✓	✓	X	X	✓	✓	X	X				
SMART Ultra HD Camera (SWC-120UHD)	X	Optional	Included	Optional	Optional	Optional	Optional	Camera included**	Optional				

Convenience buttons	Power Home Volume Input select Screen Shade Freeze frame	Power Home Volume Input select Screen shade Freeze frame	Power Home Volume Microphone mute Freeze frame	Power Home Volume Freeze frame	Power Home Volume Input select Screen shade Freeze frame	Power Home Volume Microphone mute Freeze frame	Power Home Volume Freeze frame	Power Home Volume Freeze frame	Power Colour select Volume Input select Settins Mute	Power Home Volume Freeze frame
Embedded Android OS	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie	
Operating system	X	Android version 13.0	Android version 13.0	X	Android version 14.0	Android version 13.0	Android version 13.0	X	Android version 13.0	
	X	(Automatic update to Android version 15.0 scheduled for the second half of 2025.)	(Automatic update to Android version 15.0 scheduled for the second half of 2025.)	X	(Automatic update to Android version 16.0 not scheduled yet)	(Automatic update to Android version 15.0 scheduled for the second half of 2025.)	(Automatic update to Android version 15.0 scheduled for the second half of 2025.)	X	(Automatic update - OTA)	
CPU	X	Octa-core	Octa-core	X	Octa-core	Octa-core	Octa-core	X	Quad-core	
Memory	X	8 GB DDR4	8 GB DDR4	X	8 GB DDR4	8 GB DDR4	8 GB DDR4	X	8 GB DDR4	
OS architecture	X	64-bit	64-bit	X	64-bit	64-bit	64-bit	X	64-bit	
Storage	X	64 GB (up to 576 GB)	64 GB (up to 576 GB)	X	64 GB (up to 576 GB)	64 GB (up to 576 GB)	64 GB (up to 576 GB)	X	64 GB	
User interface	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)	
Updates	X	Automatic over-the-air (OTA)	Automatic over-the-air (OTA)	X	Automatic over-the-air (OTA)	Automatic over-the-air (OTA)	Automatic over-the-air (OTA)	X	Automatic over-the-air (OTA)	
Network connectivity	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie	
Wired	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	RJ45 (×2) 1000BASE-T	
Wi-Fi	X	IEEE 802.11ax (Wi-Fi 6e) supporting WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols	IEEE 802.11ax (Wi-Fi 6e) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols	IEEE 802.11ax (Wi-Fi 6e) supporting WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols	IEEE 802.11ax (Wi-Fi 6e) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols	IEEE 802.11ax (Wi-Fi 6e) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols	** optional with OPS Module - AM60, PCMI5, PCMI7	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols	
	X	Wi-Fi hotspot	Wi-Fi hotspot	X	Wi-Fi hotspot	Wi-Fi hotspot	Wi-Fi hotspot	X	Wi-Fi hotspot	
Bluetooth®	X	5.2 dual mode	5.2 dual mode	X	5.2 dual mode	5.2 dual mode	5.2 dual mode	X	5.0 dual mode	
Inputs	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie	
OPS PC accessory slot	✓	✓	✓	✓	✓	✓	✓	✓	✓	
microSD slot	X	✓	✓	X	✓	✓	✓	X	X	
HDMI®	(×4)	(×4)	(×3)	(x3)	(x3)	(x4)	(x3)	(x1)	(×3)	
	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.)	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.)	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.)	HDMI 2.0 with HDCP 1.4 and HDCP 2.2 support	HDMI® 2.1 4K@ 60Hz with HDCP 1.4, HDCP 2.2/2.3 and ARC Support5	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.)	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.)	HDMI 2.1 4K @ 60 Hz with HDCP 1.4 and HDCP 2.3	HDMI 2.0 with HDCP 1.4 and HDCP 2.2 support	
Display Port 1.2	X	X	X	✓	✓	X	X	X	✓	
VGA video	✓	✓	✓	✓	✓	✓	✓	X	✓	
Stereo 3.5 mm (variable)	✓	✓	✓	✓	✓	✓	✓	X	✓	
RS-232 (DB-9 connector)	✓	✓	✓	✓	✓	✓	✓	X	✓	
RJ45 (LAN IN)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
USB Type-C	(×2)	(×2)	(×3)	(x2)	(x2)	(×2)	(×3)	(x1)	(×2)	
	Front: 27 W power delivery; Side: 65 W power delivery	Front: 27 W power delivery; Side: 65 W power delivery	Front and side: 65 W power delivery; Top: 15 W power delivery	Front: 15 W power delivery	Front: 65 W power delivery Back: 15 W power delivery	Front: 27 W power delivery; Side: 65 W power delivery	Front and side: 65 W power delivery; Top: 15 W power delivery	Side: 65 W power delivery	Front: 15 W power delivery	
USB 2.0 Type-A	✓	✓	✓	✓	✓	✓	✓	✓	✓	
USB 3.2 Gen 1 Type-A	(×4)	(×4)	(×3)	(×4)	(x5)	(×4)	(×3)	(x2) USB 3.0 Typ A	(×4)	
USB 2.0 Type-B	X	X	X	(×2)	X	X	X	X	(×2)	
USB 3.2 Gen 1 Type-B	(×4)	(×4)	(×4)	X	(x2) USB 3.0 Typ B	(×4)	(×4)	(x1) USB 3.0 Typ B	X	
Outputs	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie	
HDMI	HDMI 2.1 4K @ 60Hz with HDCP 2.3 support	HDMI 2.1 4K @ 60Hz with HDCP 2.3 support	HDMI 2.1 4K @ 60Hz with HDCP 2.3 support	HDMI 2.0 with HDCP 1.4 and 2.2 support	HDMI 2.1 4K @ 60Hz with HDCP 1.4 and 2.3 Support	HDMI 2.1 4K @ 60Hz with HDCP 1.4 and 2.3 Support	HDMI 2.1 4K @ 60Hz with HDCP 1.4 and 2.3 Support	Display Port 1.4a, HDCP 2.3 und HDCP 1.3	HDMI 2.0 with HDCP 1.4 and 2.2 support	
USB Type-C	✓ 4.5 W power delivery	✓ 4.5 W power delivery	✓ 4.5 W power delivery	X	X	✓ 4.5 W power delivery	✓ 4.5 W power delivery	✓	X	
Stereo 3.5 mm (variable)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
S/DPIDF optical (fixed)	✓	✓	✓	✓	✓	✓	✓	X	✓	
RJ45 (LAN OUT)	✓	✓	✓	✓	✓	✓	✓	X	✓	
OPS accessory slot	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie	
OPS support	SMART PCM	SMART PCM	SMART PCM	SMART PCM	SMART PCM	SMART PCM	SMART PCM	SMART PCM i5&i7 / AM60	SMART PCM	
OPS power delivery	85 W	85 W	100 W	90 W	90 W	85 W	100 W	65 W	90 W	
Installation	M Pro Serie	MX (V5) Pro series	QX (V2) Pro series	GX (Zero)	GX (V4) Plus	MX (V5) Plus	RX Serie	SMART Board Mini	NX Serie	
VESA mounting points	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wall mount bracket	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Included	Optional	
Included cables and accessories										
Pens (×2)	✓	✓	✓ ** Multicolour + 2 Eraser	✓	✓	✓	✓ ** Multicolour + 2 Eraser	** 1 Pen	X	
Remote control	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Country-specific power cable	✓	✓	✓	✓	✓	✓	✓	✓	✓	
USB Type-A to Type-B cable	✓	✓	✓	✓	✓	✓	✓	✓	X	

[illegible]