ProColor Series1 Interactive Flat Panel Displays

Deliver great instruction and have multiple students work together on a brilliant, LED-illuminated, 10-touch display.* Available in UHD and HD.

Students will see everything with Boxlight's vibrant ProColor interactive flat panel displays. Choose from the HD 55", 65", 70", or UHD 65", 75", and 84" 4K models!** You get all the features of a touch-driven interactive whiteboard with the simplicity and elegance of a state-of-the-art, high-definition (HD) or ultra-high definition (4K UHD) LCD display.

- LED backlighting means more contrast and lessons that are easier to see—even in large classrooms.

- Up to ten single-point touch users or five dual-touch and gestures users can work simultaneously with Touch 360° interactivity, driving collaborative learning.

- Access to a wealth of applications in Google Classroom via Android OS built-in browser.

- Built-in stereo speakers eliminate the need for a separate audio system.

- Full-featured solution includes MimioStudio™ classroom software to easily create and deliver engaging lessons.

- Complete integration with our other products, including our MimioMobile™ collaboration and assessment app.

The surface is made of low-glare and low-friction glass, making this display easy to see with a smooth touch experience.

* Multi-touch available on Windows systems. Mac and Linux are single touch.
** 55" HD and 65" UHD model are special order only.

ProColor Interactive Flat Panel Displays

Ultra-High Definition (UHD)

		PROCOLOR 651U UHD (Special Order Only)	PROCOLOR 751U UHD*	PROCOLOR 841U UHD*
	Software	MimioStudio on Windows 7+, Mac OS 10.8+, Linux Ubuntu		
DIMENSIONS & WEIGHTS	Overall Dimensions (H x W x D)	1,545 mm x 937 mm x 96 mm (61 in. x 36.9 in. x 3.78 in.)	1,764 mm x 1,043 mm x 100 mm (69.5 in. x 41.1 in. x 3.9 in.)	1,978 mm x 1,187 mm x 95 mm (77.9 in. x 46.7 in. x 3.7 in.)
	Weight	69.0 kg (152.1 lb.)	60 kg (132.3 lb.)	107 kg (235.9 lb.)
	Packaged Dimensions (H x W x D)	1,715 mm x 1,085 mm x 280 mm (67.6 in. x 42.7 in. x 11.02 in.)	1,913 mm x 1,225 mm x 280 mm (75.3 in. x 48.2 in. x 11.0 in.)	2,170 mm x 1,370 mm x 320 mm (85.4 in. x 54. in. x 12.6 in.)
	Packaged Weight	80 kg (176.4 lb.)	78 kg (172.0 lb.)	135 kg (297.6 lb.)
	Effective Screen Size (H x W)	1,428.4 mm x 803.5 mm (56.24 in. x 31.63 in.)	1,650.2 mm x 928.3 mm (65.0 in. x 36.5 in.)	1,860.5 mm x 1,046.5 mm (73.8 in. x 41.7)
	Active Screen Size (Diagonal)	1,651 mm (65 in.)	1,920 mm (75.6 in.)	2,135 mm (84 in.)
IMAGE	Display Format Native Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
	Aspect Ratio	16:9	16:9	16:9
	Picture Response Time (Gray to Gray)	5 ms	6 ms	8 ms
	Refresh Frequency	120 Hz	120 Hz	120 Hz
	Pixel Pitch (mm)	0.372 mm x 0.372 mm	0.43 mm x 0.43 mm	0.48 mm x 0.48 mm
	Panel Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
	Display Colors	1.07B (10-bit)	16.7M (8-bit)	1.07B (10-bit)
	Brightness (Typical)	450 nits	330 nits	308 nits
	Contrast Ratio	1,400:1	5,000:1	1,600:1
	Viewing Angle	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°
	Backlight Life (Estimated)	50,000 hours	30,000 hours	50,000 hours
TRACKING	Tracking Technology	Touch 360° Infrared	Touch 360° Infrared	Touch 360° Infrared
	Touch Points	**10-touch:** Windows 7+ **Single touch:** Mac OS 10.8+, Linux, Chrome		
	Touch Tool	Stylus, finger (even if gloved), solid object	Stylus, finger (even if gloved), solid object	Stylus, finger (even if gloved), solid object
	Tracking Accuracy	+/-5 mm (0 in.)	+/-5 mm (0 in.)	+/-2 mm (0 in.)
	Tracking Read Speed	>125 frames/s	>100 frames/s	>100 frames/s
	Tracking Response Time	<15 ms	15 ms (typical)	15 ms (typical)
	Tracking Points	32,767 x 32,767	32,767 x 32,767	32,767 x 32,767
	Anti Glare Glass	Yes	Yes	Yes
	Protective Glass	4 mm tempered glass, Level 7 Mohs	4 mm tempered glass, Level 7 Mohs	4 mm tempered glass, Level 7 Mohs
	Input/Output	**Input**: VGA x 2, HDMI 2K x 3, HDMI 4K x 1, PC audio x 1 **Output**: VGA x 1, HDMI x 1, Stereo analog audio x 1L + 1R **USB**: USB 2.0 Type-A x 1 (for media), USB 2.0 Type-B for touch control x 1, USB 2.0 Type-A x 1 (not used) **Control**: RS-232 x 1		
AUDIO	Output	10 W x 2	10 W x 2	10 W x 2
	Sound System	Stereo	Stereo	Stereo
	Equalizer	Yes	Yes	Yes
	Sound Status Memory	Yes	Yes	Yes
	Balance	Yes	Yes	Yes
ENVIRONMENTAL	Storage Temperature	-20° to 60°C (-4° to 140°F)	-20° to 60°C (-4° to 140°F)	-20° to 60°C (-4° to 140°F)
	Storage Humidity	10% - 90%	10% - 90%	10% - 90%
	Operating Temperature	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)
	Operating Humidity	10% - 90%	10% - 90%	10% - 90%
	Power Requirement	100V-240 VAC 60/50 Hz	100V-240 VAC 60/50 Hz	100V-240 VAC 60/50 Hz
	Op. Power Consumption	265 W	400 W	430 W
	Sleep Power Consumption	<0.5 W	<0.5 W	<1 W
MOUNT	Mounting Screw Size	M8 x 25 mm	M8	M8
	VESA Form Factor	400 x 400 (mm)	600 x 400 (mm)	600 x 400 (mm)
CTL	Crestron Protocol	No	No	No
ACC.	Wall Mount	Option	Option	Option
	Internal PC Module	Option	Option	Option
ANDROID	Version	4.2.1 "Jelly Bean"	4.2.1 "Jelly Bean"	4.2.1 "Jelly Bean"
	CPU	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core
	GPU / RAM / ROM	Quad Core / 1.5 GB / 8 GB	Quad Core / 1.5 GB / 8 GB	Quad Core / 1.5 GB / 8 GB

* Available Q2 of 2017

Find the Panel That is Right for Your Classrooms

		PROCOLOR 551H HD (Special Order Only)	PROCOLOR 651H HD	PROCOLOR 701H HD
	Software	MimioStudio on a Windows 7+, Mac OS 10.8+, Linux Ubuntu		
DIMENSIONS & WEIGHTS	Overall Dimensions (H x W x D)	1,303 mm x 820 mm x 98 mm (51.3 in. x 32.3 in. x 3.85 in.)	1,522 mm x 943 mm x 98 mm (60 in. x 37.1 in. x 3.86 in.)	1,664 mm x 1035 mm x 97 mm (65.5 in. x 40.7 in. x 3.82 in.)
	Weight	38.0 kg (83.77 lb.)	50 kg (110.2 lb.)	56 kg (123.5 lb.)
	Packaged Dimensions (H x W x D)	1,470 mm x 970 mm x 230 mm (57.9 in. x 38.2 in. x 9 in.)	1,695 mm x 1085 mm x 260 mm (66.7 in. x 42.8 in. x 10.24)	1,803 mm x 1160 mm x 243 mm (71.0 x 45.67 in. x 9.6 in.)
	Packaged Weight	48 kg (105.9 lb)	61 kg (134.5 lb.)	68 kg (150.0 lb.)
	Effective Screen Size (H x W)	1,210 mm x 680 mm (47.6 in. x 26.8 in.)	1,428.48 mm x 803.52 mm (56.2 in. x 31.6 in.)	1,549.4 mm x 871.6 mm (61.0 in. x 34.3 in.)
	Active Screen Size (Diagonal)	1,388 mm (54.6 in.)	1,651 mm (65 in.)	1778 mm (70 in.)
IMAGE	Display Format Native Resolution	1920 x 1,080	1920 x 1,080	1,920 x 1,080
	Aspect Ratio	16:9	16:9	16:9
	Picture Response Time (Gray To Gray)	8 ms	6 ms	8 ms
	Refresh Frequency	60 Hz	60 Hz	60 Hz
	Pixel Pitch (mm)	0.630 mm x 0.630 mm	0.744 mm x 0.744 mm	0.807 mm x 0.807 mm
	Display Colors	16.7M (8-bit)	16.7M (8-bit)	16.7M (8-bit)
	Brightness (Typical)	350 nits	350 nits	300 nits
	Contrast Ratio	1,400:1	1,400:1	4,000:1
	Viewing Angle	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°
	Backlight Life (Estimated)	50,000 hours	30,000 hours	30,000 hours
TRACKING	Tracking Technology	Touch 360° Infrared	Touch 360° Infrared	Touch 360° Infrared
	Touch Points	**10-touch:** Windows 7+ **Single touch:** Mac OS 10.8+, Linux, Chrome		
	Touch Tool	Stylus, finger (even if gloved), solid object	Stylus, finger (even if gloved), solid object	Stylus, finger (even if gloved), solid object
	Tracking Accuracy	+/-5mm (0 in.)	+/-5mm (0 in.)	+/-5mm (0 in.)
	Tracking Read Speed	>125 frames/s	>125 frames/s	>125 frames/s
	Tracking Response Time	<15 ms	<15 ms	<15 ms
	Tracking Points	32,767 x 32,767	32,767 x 32,767	32,767 x 32,767
	Anti Glare Glass	Yes	Yes	Yes
	Protective Glass	4 mm tempered glass, Level 7 Mohs	4 mm tempered glass, Level 7 Mohs	4 mm tempered glass, Level 7 Mohs
	Input/Output	**Input**: Composite analog (CVBS), VGA x 3, HDMI x 3, PC audio x 3, CVBS audio x 1 **Output**: VGA x 1, Analog audio x 1, Digital audio output coax x 1 **USB:** USB 2.0 x 3 (front), USB 2.0 x 1 (side), USB 3.0 x 1 (side), USB 2.0 Type-B for touch Control x 1 (side): RS-232 x 1, LAN RJ-45 x 1		
AUDIO	Output	10 W x 2	10 W x 2	10 W x 2
	Sound System	Stereo	Stereo	Stereo
	Equalizer	Yes	Yes	Yes
	Sound Status Memory	Yes	Yes	Yes
	Balance	Yes	Yes	Yes
ENVIRONMENTAL	Storage Temperature	-20° to 60°C (-4° to 140°F)	-20° to 60°C (-4° to 140°F)	-20° to 60°C (-4° to 140°F)
	Storage Humidity	10% - 90%	10% - 90%	10% - 90%
	Operating Temperature	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)
	Operating Humidity	10% - 90%	10% - 90%	10% - 90%
	Power Requirement	100V-240 VAC 60/50 Hz	100V-240 VAC 60/50 Hz	100V-240 VAC 60/50 Hz
	Operating Power Consumption	<200 W	250W	350 W
	Sleep Power Consumption	<0.5 W	<0.5 W	<0.5 W
MOUNT	Mounting Screw Size	M8 x 25 mm	M8 x 25 mm	M8 x 25 mm
	Vesa Form Factor	400 x 400 (mm)	600 x 400 (mm)	600 x 400 (mm)
CTL.	Crestron Protocol	Yes	Yes	Yes
ACC.	Wall Mount	Option	Option	Option
	Internal PC Module	Option	Option	Option
ANDROID	Version	4.2.1 "Jelly Bean"	4.2.1 "Jelly Bean"	4.2.1 "Jelly Bean"
	CPU	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core
	GPU	Quad Core	Quad Core	Quad Core
	RAM	1.5 GB	1.5 GB	1.5 GB
	ROM	8 GB	8 GB	8 GB

MimioStudio software–so easy to use and engaging, your teachers will use it every day.

The ProColor interactive flat panel displays include the dynamic MimioStudio classroom software. It connects the Boxlight products, so using other tools—from the document camera to the pen tablet—is quick and easy. MimioStudio software allows educators to create interactive lessons and collaborative activities, and perform real-time formative assessment. The software also opens other IWB activities, enabling educators to use the interactive content they already have. **Take learning even further with our MimioMobile app, which brings group learning and collaboration to almost any device.**

What's in the Box

ProColor Series1 HD: LED display, power cord (3m), USB cable (5m), HDMI cable (5m), remote control, 3 passive magnetic styli, internal PC (optional), wall mount with display bolts (optional), and MimioStudio software license.

ProColor Series1 UHD: LED display, power cord (3m), USB cable (5m), HDMI cable (5m), remote control, 2 passive styli, internal PC (optional), wall mount with display bolts (optional), and MimioStudio software license.

Support You Can Count On

We know how important it is to feel confident in the tools you use every day, so we make sure you can count on our products and service. We offer flexible training resources, our MimioConnect™ online educator community, and US-based in-house, dedicated product specialists. Email, chat, or call us 24/7/365 and we will be there to support you.

All specifications are subject to change without notice.

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