

ProColor 753U

Students will see everything with Boxlight's vibrant 75" ProColor interactive LCD flat panel Android display. Touch technology and collaboration come alive in brilliant 4K ultra-high definition.



Features

- Up to 20 single-point users or 10 dual-touch and gestures users with Touch 360° interactivity, driving collaborative learning to a new level*
- Built-in high-power Android 8+ OS for touch control and wide selection of apps
- Access to MimioMarket app store
- 4K video resolution (3,840 x 2,160)
- LED backlighting for energy efficiency
- Includes several classroom software options with a collaboration app

Optional

Internal Windows 10 compatible PC (available with Intel i5 or i7)
 Windows 10 license not included

^{*}Multi-touch is available on Windows systems, MacOS uses multi-touch gestures but can allow for multi-touch when used with software that has multitouch capabilities IE: MimioStudio. Linux and Chrome are single touch.



Specifications

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Dimensions and Weight		
Overall Dimensions (W x H x D)	1,710 mm x 1,020 mm x 86 mm (67.3 in. x 40.2 in. x 3.4 in.)	
Net Weight	51.8 kg (114.2 lb)	
Packaged Dimensions (W x H x D)	1,860 mm x 1,170 mm x 280 mm (73.2 in. x 46.1 in. x 11.0 in.)	
Gross Weight	70.4 kg (155.2 lb)	
Effective Screen Size (W x H)	1,650 mm x 928 mm (65.0 in. x 36.5 in.)	
Active Screen Size (Diagonal)	75 in.	
	Image	
Screen Type	LCD (IPS type)	
Display Format Native Resolution	3,840 x 2,160	
Aspect Ratio	16:9	
Picture Response Time (Gray to Gray)	8 ms	
Refresh Frequency	60 Hz	
Pixel Pitch	0.43 x 0.43 mm	
Panel Resolution	3,840 x 2,160	
Display Colors	1.07 B (10-bit)	
Brightness (Typical)	350 cd/m ²	
Contrast Ratio	1,200:1	
Viewing Angle	Hor. 178°, Ver. 178°	
Backlight Life	Direct light-emitting diode (LED) illumination rated at 50,000 hours	



Touch Tracking		
Tracking Technology	Touch 360° infrared	
Touch Points Operating Systems	20-touch: Windows 7+ and MacOS (only in supported software) Single touch: Linux, Chrome	
Touch Tool	Stylus, finger (even if gloved), or solid object	
Two-Pen-Two-Color	Supported, application dependent	
Tracking Accuracy	± 1.5 mm	
Writing Height	< 3 mm	
Minimum Object Size	3 mm	
Tracking Read Speed	>125 frames/s	
Tracking Response	≤10 ms	
Tracking Points	32,767 x 32,767	
Driver Required	No	
	Safety	
Anti-Glare Glass	Yes	
Protective Glass	4 mm tempered glass Level 7 Mohs	
	Connections	
Input/Output	Input: - HDMI 2.0 x 3 - VGA x 1 - PC analog audio 3.5 mm x 1 Output: - HDMI x 1 (4K2K) - Analog 3.5 mm x 1 - SPDIF digital audio output coax x 1 USB: - USB 2.0 for Android x 2 in front - USB 2.0 for software updates only, 1 on side) - USB 3.0 x 3 (2 side, 1 front) - USB 2.0 Type-B for touch control x 2	



	Data and Control: - RS-232 x 1	
- LAN RJ-45 (10/100/1000Mbps) x 1 Control		
Network Controllable	Boxlight NDMS compatible	
Audio		
Output	12 W x 2 into internal 8 Ohm speakers	
Sound System	Stereo	
Equalizer	Yes	
Sound Status Memory	Yes	
Balance	Yes	
Environmental		
Storage Temperature	-20° to 60° C (-4° to 140° F)	
Storage Humidity	10% to 90%	
Operating Temperature	0° to 40° C (32° to 104° F)	
Operating Humidity	10% to 90%	
Power Requirement	100–240 VAC 60/50 Hz	
Power Consumption	350 W operating, <0.5 W sleep mode	
Mount		
Mounting Screw Size	M8 x 25 mm	
VESA Form Factor	800x400 mm	
Accessories		
HDMI Cable	1 x 3 m	



AC Power Cable	1 x 3 m
USB Cable	1 x 5 m
Passive Stylus	2 x magnetic
Remote Control	1 (with batteries)

Android		
Version	Android 8.0 Oreo	
CPU	Dual core A73+, Dual Core A53	
GPU	Quad Core Mali G51	
RAM	4 GB	
ROM	32 GB	
App Store	Yes, MimioMarket	

What's in the box:

Hardware

- Magnetic Stylus x 2
- Remote Control with Batteries
- Wi-Fi Module
- ProColor Wallmount-003

Documentation

- Warranty Card
- QuickStart Guide

Cables

- HDMI cable (3 m)
- USB A-to-B for touch (5 m)
- US power cord (3 m)



Software Options

- MimioConnect 3 Year License
- MimioStudio Software Perpetual License
- MimioMobile Collaboration App 3 Year License
- OKTOPUS Perpetual License
- OKTOPUS Blend, Collaboration App & Premium Lessons 3 Year License

Display Apps

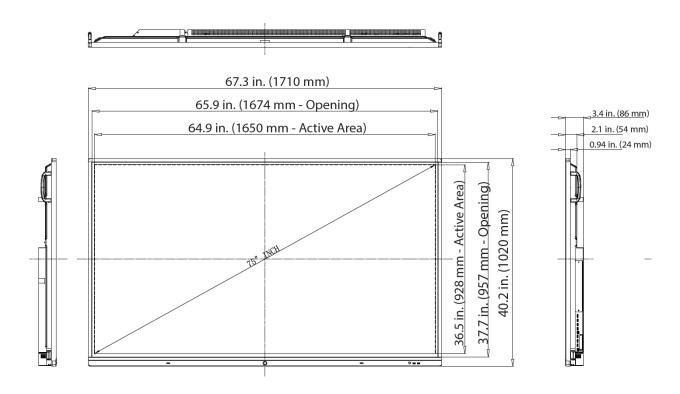
- MimioMarket App Store
- MimioMessage Announcement App (Coming Soon)
- Unplug'd Screen Casting
- Basic Network Device Management

Online Professional Development Courses: Learn More

- ProColor3 Interactive Flat Panel
- OKTOPUS Basics
- OKTOPUS GamesZones
- OKTOPUS Blend
- MimioStudio Basics
- MimioConnect

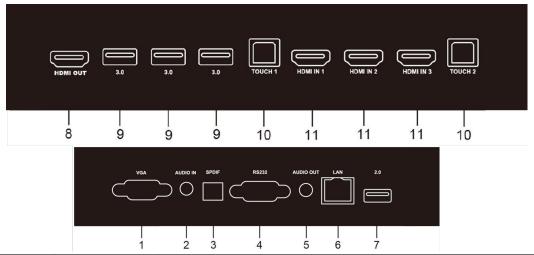


Drawings





Connections



Number	Items	Function description
1	VGA	External computer image input
2	AUDIO IN	External computer audio input
3	SPDIF	Carry multichannel sound via optical signals.
4	RS232	Serial interface, used for mutual transfer of data between devices
5	AUDIO OUT	Audio output to the external speaker
6	LAN	Connect RJ45 terminals
7	2.0	USB 2.0,connect USB devices such as mobile hard disk, U disk, USB
		keyboard and mouse, USB drives, etc.
8	HDMI OUT	Connect to the devices with HDMI input function
9	3.0	USB 3.0,connect USB devices such as mobile hard disk, U disk, USB
		keyboard and mouse, USB drives, etc.
10	TOUCH	Touch signal output to the external computer
11	HDMI IN	High-definition multimedia interface signal input, connect to devices
		with HDMI output interface (personal computer with HDMI output,
		set-top box, or another video device)
12	AC IN	AC power input, connect AC power supply
13	AC SWITCH	To open or shut down AC power supply. "I" means power on, "O"
		means power off

Please note: ProColor Series 3 flat panels can only be used horizontally in a table top for 90 minutes before needing to be returned to a vertical position. They must remain in a vertical position for a minimum of 30 minutes before they can put into a tilted configuration again.

Specifications are subject to change without notice.