

# ProColor 652

Touch technology and collaboration are brought to life with the brilliance of our 4K ultra high-definition LCD flat panel Android display.



## 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 Android OS for touch control plus Whiteboard app.
- 4K video resolution (3,840 x 2,160).
- LED backlighting for energy efficiency.
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license.

\* Multi-touch available on Windows systems. Mac and Linux are single touch.

## Options

- Internal Windows 10 PC (available with Intel i5 or i7)
- Wall mount
- Wi-Fi module

## Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	1,522 mm x 944 mm x 98 mm (61.1 in. x 37.2 in. x 3.9 in.)
Net Weight	46kg (101.4 lb.)
Packaged Dimensions (W x H x D)	1,697 mm x 1,071 mm x 220 mm (66.8 in. x 42.2 in. x 8.7 in.)
Gross Weight	57 kg (126 lb.)
Effective Screen Size (W x H)	1,428 mm x 803 mm (56.24 in. x 31.63 in.)
Active Screen Size (Diagonal)	65 in.
Image	
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	0.496 mm x 0.372 mm
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)
Brightness (typical)	350 nits
Contrast Ratio	1,200:1
Viewing Angle	Hor. 178°, Ver. 178°

Backlight Life (estimated)	50,000 hours
<b>Touch Tracking</b>	
Tracking Technology	Touch 360° Infrared
Touch Points Operating Systems	20-touch: Windows 7+ Single touch: Mac OS 10.8+, Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Tracking Accuracy	+/-2mm (0 in.)
Tracking Read Speed	>125 frames/s
Tracking Response Time	<15 ms
Tracking Points	32,767 x 32,767
<b>Safety</b>	
Anti-Glare Glass	Yes
Protective Glass	4 mm tempered glass Level 7 Mohs
<b>Connections</b>	
Input/Output	Input: - VGA x 1 - HDMI x 2 - HDMI 4K2K x 1 - PC audio x 1 - DisplayPort x 1 Output: - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 USB: - USB 2.0 x 3 (2 in front, 1 on side) - USB 3.0 x 1 (side) - USB 2.0 Type-B for touch Control x 2 - RS-232 x 1 - LAN RJ-45 x 1
<b>Audio</b>	

Output	12 W x 2
Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes
<b>Environmental</b>	
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 (Operating)	265 W
Power Consumption (Sleep Mode)	<0.5 W
<b>Mount</b>	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	600 x 400 mm
<b>Accessories</b>	
HDMI Cable	1 x 5 m
AC Power Cable	1 x 3 m
USB Cable	1 x 5 m
Passive Stylus	3 x magnetic

Remote Control	1 (with batteries)
Wall Mount	Optional
Internal PC Module	Optional
<b>Android</b>	
Version	Android 5.1 "Jelly Bean"
CPU	ARM Cortex A53 Dual Core
GPU	Quad Core
RAM	2 GB
ROM	16 GB

## What's in the box:

### Hardware

- Magnetic stylus x 3
- Remote control with batteries

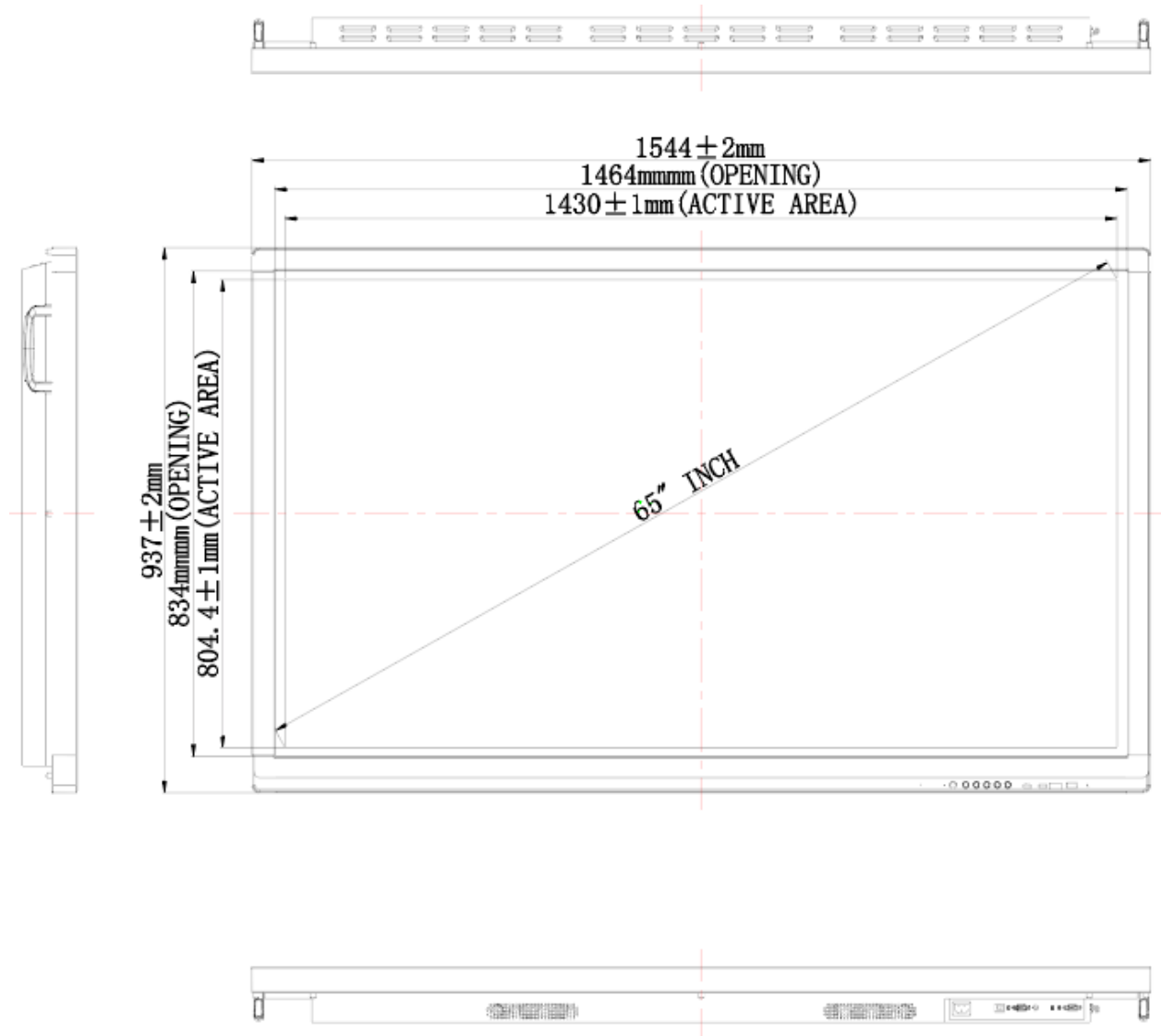
### Documentation

- MimioStudio license
- Warranty card
- QuickStart Guide

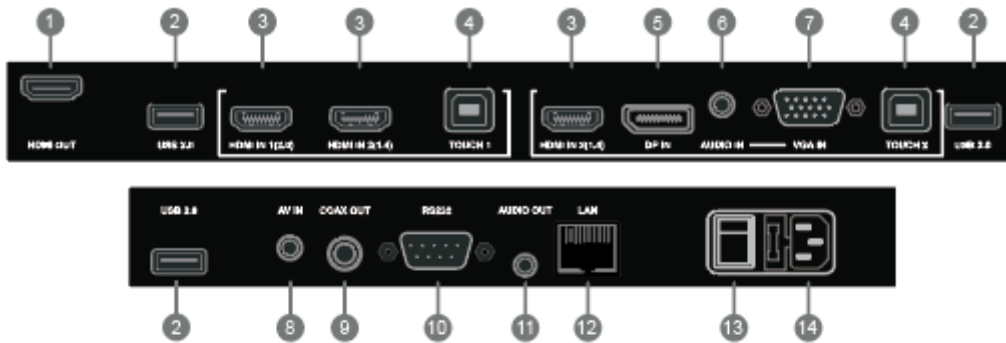
### Cables

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

## Drawings



## Connections



Items	Function description
① HDMI OUT	Connected to the devices with HDMI input function
② USB	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
③ HDMI IN	High-definition multimedia interface signal input, connect to PC with HDMI output, set-top box, or other video device
④ TOUCH	Touch signal output to the external computer
⑤ DP	Connected to devices with DisplayPort output function
⑥ AUDIO IN	External computer audio input
⑦ VGA IN	External computer image input
⑧ AV IN	Composite video and audio input
⑨ COAX OUT	Coaxial output
⑩ RS232	Serial interface, used for mutual transfer of data between devices
⑪ AUDIO OUT	Audio output to the external speaker
⑫ LAN	Connecting RJ45 terminals
⑬ AC SWITCH	To open or shut down AC power supply. " I " means power on, " O " means power off
⑭ AC IN	AC power input, connecting AC power supply

Specifications are subject to change without notice.