



\* All images are for illustrative purposes only.

Interactive Whiteboard TR3DJ (86" / 75" / 65")

## Bringing People Together

Across platforms, regardless of the learning space this LG whiteboard brings us together.

The TR3DJ interactive whiteboard provides a versatile platform that allows teachers to leverage the learning management system or cloud drive of their choice. Display, annotate and share content from a wide variety of sources.



Smooth Touch & Writing Experience



Connection & Sharing



User Friendly Experience



Security & Compatibility

## TR3DJ SERIES

### Wireless Screen Mirroring from / to Devices

- Two Way Communication
- Up to 6 Devices on Display
- Direct Sharing Annotation & Files



### Professional Annotation Tool

- Writing on any Sources

### Compatible with Various Operating Systems

- Android, iOS, Windows, Chrome, Mac

### Excellent Writing Experience

- Note Software Embedded
- Minimal Touchscreen Gap with direct bonding

### Embedded Android 8.0 OS

- Free Embedded Applications
- Note, Web Browser, Screen Share Pro

## TR3DJ SERIES FEATURES



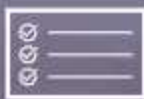
4K Resolution (UHD)  
Anti-glare / Tempered Glass



20 Point Multi Touch



Minimal Air Gap



In-Class Quizzes  
& Surveys Are Easy



Screen Mirroring



Integrated Speaker  
and Wi-Fi Module



Over the Air  
OS Updates



Rolling Cart  
Capable



Energy Efficient  
(EU ErP Compliant)

## SMOOTH TOUCH & WRITING EXPERIENCE



### Multi Touch

The TR3DJ series can simultaneously use up to 20 points of multi touch. This function offers a lifelike board touch experience and makes collaboration much easier. Group work, whether in classrooms, huddle spaces or global seminar spaces can be enhanced using the TR3DJ from LG.



### Enhanced Visibility with Low Parallax

With 1mm gap between the screen and tempered glass, which supports low parallax, the TR3DJ series can offer precise touch and excellent writing experience.



### Dual Pen & Dual Color

The stylus pen comes in two different colors and with two different tip sizes of 3mm and 8mm. The dual pens enable users to write or draw simultaneously.



### Easy Writing Experience

The TR3DJ series allows you to write and annotate on all sources, so your writing experience can be easy and satisfying.

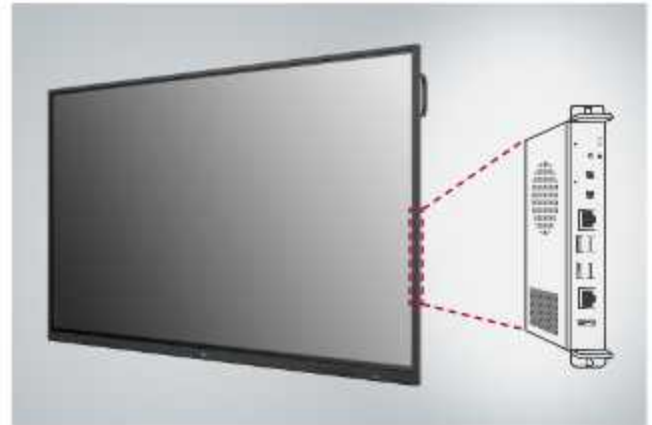


## EASY CONNECTION & SHARING



### Air Class

Air Class supports connecting up to 30 students and offers interactive meetings for mobile devices on the same network, providing a variety of tools such as voting, answering, and sharing project texts. Air Class is easily accessible from the TR3DJ's main toolbar.



### Built-in OPS Slot

The TR3DJ series supports OPS slots, allowing you to easily and conveniently mount an OPS device at the back of the digital board without the hassle of connecting to an external desktop, offering you more expanded functions.



### ScreenShare Pro

ScreenShare Pro enables you to show up to six shared screens or a file on a screen in real-time, and it has enhanced usability by allowing users to share Chromecast and Apple device mirroring on the same network without any additional application.



### Connectivity Options

TR3DJ supports Bluetooth wireless connections to various devices such as a speaker, mouse, keyboard and others. In addition, a variety of wired connection options includes HDMI (x3), Analog RGB, RS232 and USB in.

## USER FRIENDLY EXPERIENCE



### Built-in Web Browser

The TR3DJ series supports an embedded Android web browser, so you can search the web easily and quickly, without connecting to an external tablet or computer.



### Toolbar

The annotation feature works on virtually all file types, and you can highlight the section you wish to emphasize using the Spotlight function. The countdown and stopwatch features help you manage class time effectively.



### Audio Experience

The TR3DJ series supports built-in speakers in both sides of the front bezel which deliver high-quality sound and clear audio experience.

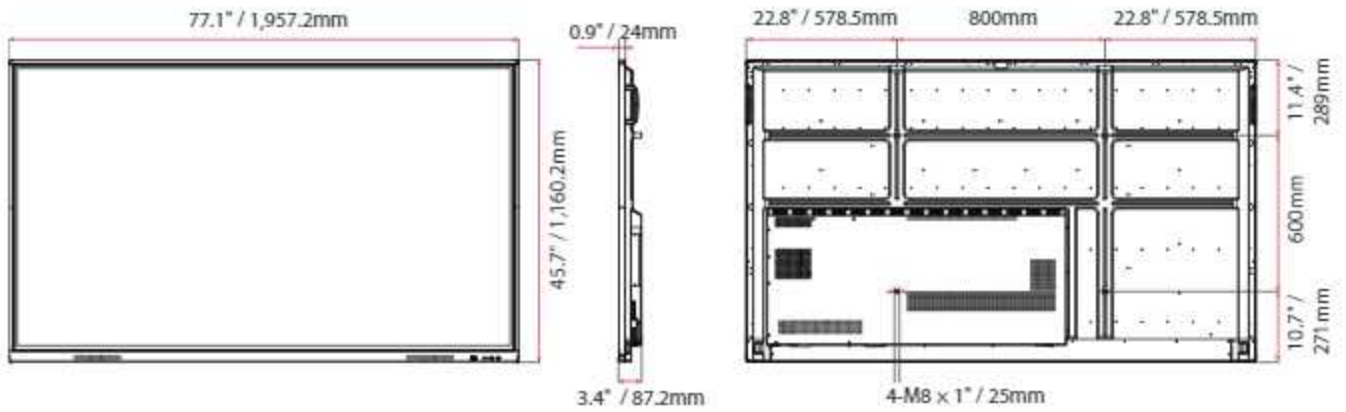


### USB Block

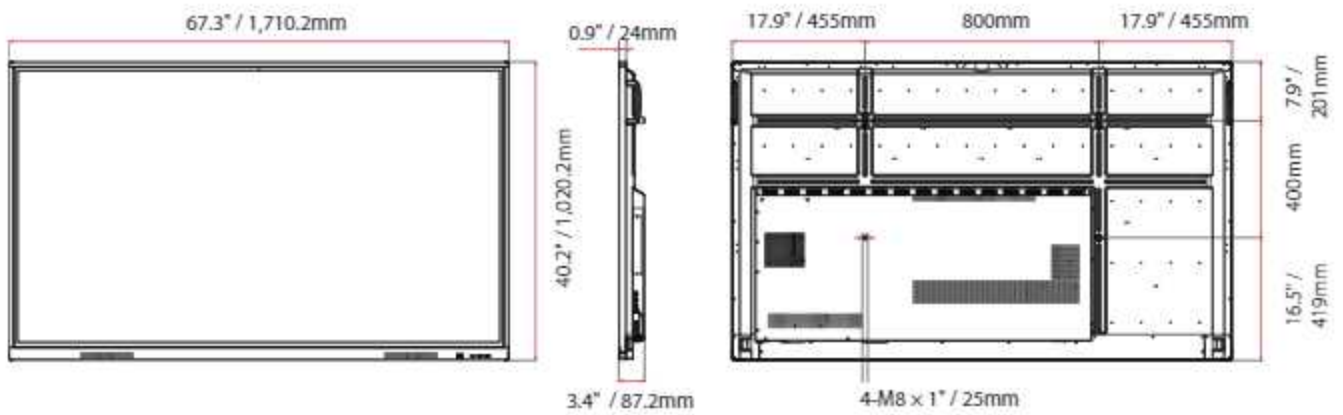
USB Block Mode is a security measure that helps prevent data from being copied to unauthorized devices which is essential for spaces where security is critical.

## DIMENSIONS

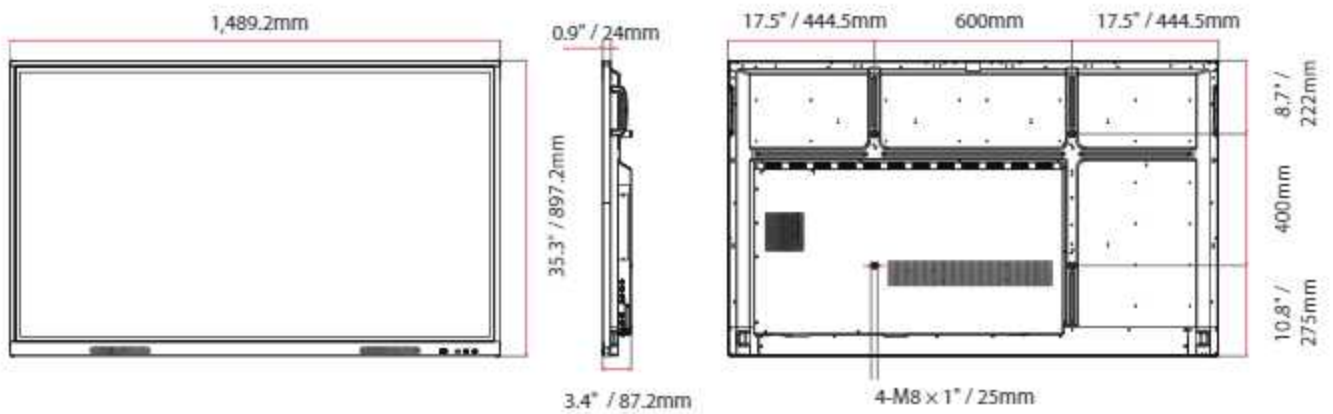
86"



75"



65"

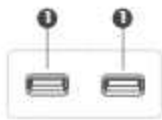




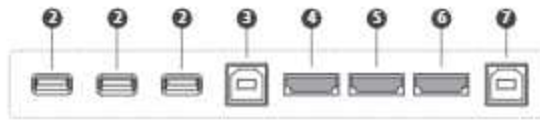
	MODEL	86TR3DJ	75TR3DJ	65TR3DJ
PANEL	Screen Size	86"	75"	65"
	Panel Technology	IPS	IPS	IPS
	Back Light Type	Direct	Direct	Direct
	Aspect Ratio	16:9	16:9	16:9
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	60Hz	60Hz	60Hz
	Brightness (Typ)	350 nits	350 nits	350 nits
	Contrast Ratio	1200:1	1200:1	1200:1
	Color gamut	NTSC 68%	NTSC 68%	NTSC 68%
	Viewing Angle (H x V)	178° X 178°	178° X 178°	178° X 178°
	Color Depth	10bit, 1.07Billion colors	10bit, 1.07Billion colors	10bit, 1.07Billion colors
	Response Time	8ms (G to G)	8ms (G to G)	8ms (G to G)
	Surface Treatment(Haze)	Anti Glare, 7H(Mohs)	Anti Glare, 7H(Mohs)	Anti Glare, 7H(Mohs)
	Lifetime Operation	30,000 Hrs	30,000 Hrs	30,000 Hrs
	Operation Hours (Hours/Day)	16/7	16/7	16/7
	Portrait / Landscape	Landscape Only	Landscape Only	Landscape Only
	TOUCH	Available object size for touch	≥3 mm	≥3 mm
Reponse Time		≤60 ms (Android) ≤100 ms (Windows)	≤60 ms (Android) ≤100 ms (Windows)	≤60 ms (Android) ≤100 ms (Windows)
Accuracy		±2 mm	±2 mm	±2 mm
Interface		USB 2.0	USB 2.0	USB 2.0
Protection Glass Thickness		4T (Anti-Glare)	4T (Anti-Glare)	4T (Anti-Glare)
Protection Glass Transmission		87%	87%	87%
Operating System Support		Windows XP/7/8/10, Linux, Mac, Android (WindowsXP/Linux/Mac support one point touch)	Windows XP/7/8/10, Linux, Mac, Android (WindowsXP/Linux/Mac support one point touch)	Windows XP/7/8/10, Linux, Mac, Android (WindowsXP/Linux/Mac support one point touch)
Multi touch point	Max 20 Points	Max 20 Points	Max 20 Points	
SOUND	Built-in Speakers	10W x 2	10W x 2	10W x 2
	HDMI In	Yes (3), HDCP2.2/1.4	Yes (3), HDCP2.2/1.4	Yes (3), HDCP2.2/1.4
CONNECTIVITY	Analog RGB In	Yes (1)	Yes (1)	Yes (1)
	Audio In	Yes (1)	Yes (1)	Yes (1)
	RS232C In	Yes (1)	Yes (1)	Yes (1)
	RJ45 (LAN)	Yes (1)	Yes (1)	Yes (1)
	USB In	USB3.0 Type A(3) USB2.0 Type A(3)	USB3.0 Type A(3) USB2.0 Type A(3)	USB3.0 Type A(3) USB2.0 Type A(3)
	Audio Out	Optical (1)	Optical (1)	Optical (1)
	Touch USB Out	Yes (2)	Yes (2)	Yes (2)
MECHANICAL	Bezel Color	Black	Black	Black
	Bezel Width	18.9 / 18.9 / 18.9 / 45.7 mm	18.9 / 18.9 / 18.9 / 45.7 mm	18.9 / 18.9 / 18.9 / 45.7 mm
	Weight	148.7 lbs / 67.5 kg	117.1 lbs / 53.1 kg	85.4 lbs / 38.8 kg
	Shipping Weight	190.9 lbs / 86.6 kg	154.0 lbs / 69.9 kg	106.9 lbs / 48.5 kg
	Monitor Dimension (W x H x D)	77.0 x 45.7 x 3.4 in	67.3 x 40.2 x 3.4 in	58.6 x 35.3 x 3.4 in
	Carton Dimensions (W x H x D) (Box outer size)	1957 x 1160 x 87 mm	1710 x 1020 x 87 mm	1489 x 897 x 87 mm
	Handle	Yes	Yes	Yes
	Stand	No	No	No
	VESA™ Standard Mount Interface	800 x 600mm	800 x 400mm	600 x 400mm
	Operation Temperature	32° to 104° F / 0° to 40° C	32° to 104° F / 0° to 40° C	32° to 104° F / 0° to 40° C
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%
	OPS type compatible	Yes (Slot)	Yes (Slot)	Yes (Slot)
	OPS Power built in	Yes	Yes	Yes
	FEATURES	Internal Memory	16 GB	16 GB
Built-in Wi-Fi		Yes (Removable)	Yes	Yes
Power Indicator		Yes	Yes	Yes
Local Key Operation		Yes	Yes	Yes
Fanless Design		Yes	Yes	Yes
Android Version		Android 8.0	Android 8.0	Android 8.0
Screen Share		Yes (Screenshare pro)	Yes (Screenshare pro)	Yes (Screenshare pro)
POWER	Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Power Consumption (Typ)	370W	260W	180W
	Power Consumption (Max)		350W	300W
	Power Consumption (Off)	Less than 0.5W	Less than 0.5W	Less than 0.5W
*WARRANTY & OTHER*	Warranty	3 Year Limited	3 Year Limited	3 Year Limited
	FCC (Regulatory)	Class "A"	Class "A"	Class "A"
	CE (Regulatory)	Yes	Yes	Yes
	ErP (Environmental)	Yes	Yes	Yes
	Basic Accessories	Power Cord (3m), USB Cable (5m), HDMI Cable (3m), Writing Pen (x2), User Manual, Quick Start Guide, Remote Control (batteries incl.), Wi-Fi module	Power Cord (3m), USB Cable (5m), HDMI Cable (3m), Writing Pen (x2), User Manual, Quick Start Guide, Remote Control (batteries incl.), Wi-Fi module	Power Cord (3m), USB Cable (5m), HDMI Cable (3m), Writing Pen (x2), User Manual, Quick Start Guide, Remote Control (batteries incl.), Wi-Fi module

# CONNECTIVITY

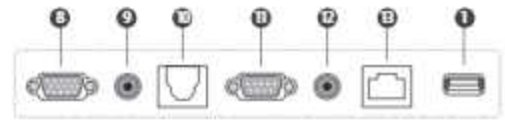
Front



Side



Bottom



1 USB 2.0

2 USB 3.0

3 TOUCH OUT 1

4 HDMI IN 1

5 HDMI IN 2

6 HDMI IN 3

7 TOUCH OUT 2

8 VGA

9 AUDIO IN

10 SPDIF

11 RS-232C IN

12 AUDIO OUT

13 LAN

