LG Business Solutions

**LG CreateBoard™** TR3DJ (86” / 75” / 65”)

# Bringing People Together

LG’s whiteboard brings us together across platforms, regardless of the learning space.

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

# LG CreateBoard | 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)

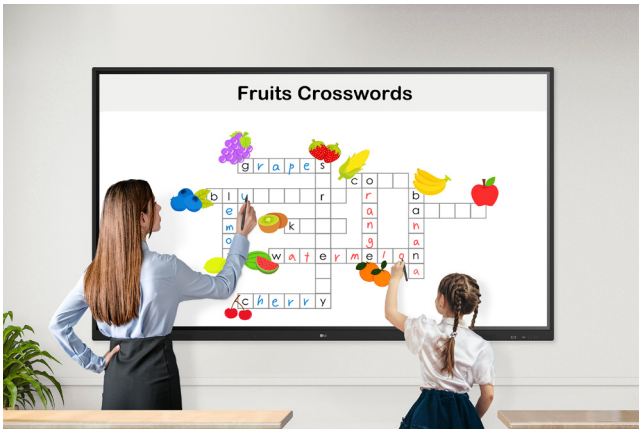
# SMOOTH TOUCH & WRITING EXPERIENCE

## Multi Touch

Up to 20-points of multi-touch can be accomplished simultaneously to deliver an interactive experience that makes collaboration a breeze. LG's TR3DJ CreateBoardTM is designed to enhance group work sessions in classrooms, huddle spaces, or global seminar spaces.

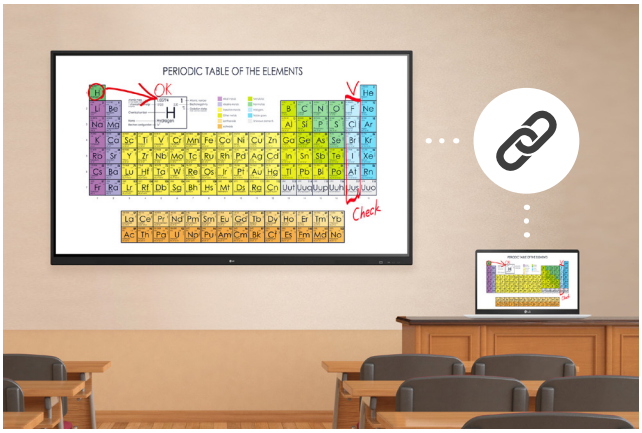
## Enhanced Visibility with Low Parallax

The TR3DJ series whiteboard features a scant 1mm gap between the screen and tempered glass, greatly reducing parallax issues for a more precise touch and excellent writing experience.




## Dual Pen & Dual Color

To better enhance simultaneous use, the stylus pens come in two different colors and two different tip sizes (3mm and 8mm).




## Easy Writing Experience

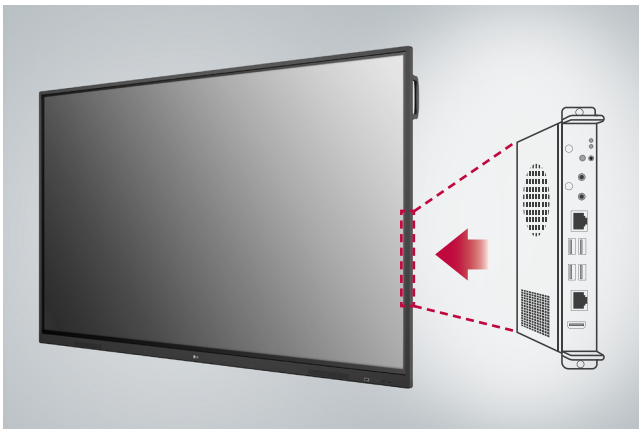
The TR3DJ series allows you to write and annotate on virtually any input source to deliver a more efficient and smooth writing experience.

* All images are intended to help you understand, and there may be some differences in practical use.

# EASY CONNECTION & SHARING

## Air Class

Easily accessible from the TR3DJ's main toolbar, Air Class supports connections for up to 30 students and offers interactive meetings for mobile devices on the same network. It also provides various tools such as voting, answering, and sharing project texts.



## Built-in OPS Slot

For more expanded functions, the TR3DJ series supports Open Pluggable Specification (OPS) slots, allowing you to mount an OPS device easily and conveniently to the back of the digital board without the hassle of connecting to an external device.

## ScreenShare Pro

ScreenShare Pro enables you to display up to six shared screens, or a file on a screen, in real-time. It also allows users to share via Chromecast or with Apple device mirroring on the same network without needing an additional application.

## Connectivity Options

The TR3DJ series provides a wide variety of connection options, including Bluetooth wireless connections to various devices such as a speaker, mouse, keyboard, and others. Wired connection options include HDMI (x3), Analog RGB, RS232, and USB input.

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# USER FRIENDLY EXPERIENCE

## Built-in Web Browser

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

## Convenient Toolbar

An intuitive toolbar provides convenient access to any necessary tools. The annotation feature works on virtually all file types, while the Spotlight feature allows you to highlight sections you wish to emphasize. Countdown and Stopwatch are two features that can help you manage class time effectively.

## Audio Experience

The TR3DJ series features two 10-watt speakers for high-quality, crisp sound reproduction. A speaker is located within both sides of the front bezel for added dispersion throughout the room.

## USB Block

USB Block Mode is an added security measure that helps prevent data from being copied to unauthorized devices, an essential feature in spaces where security is critical.

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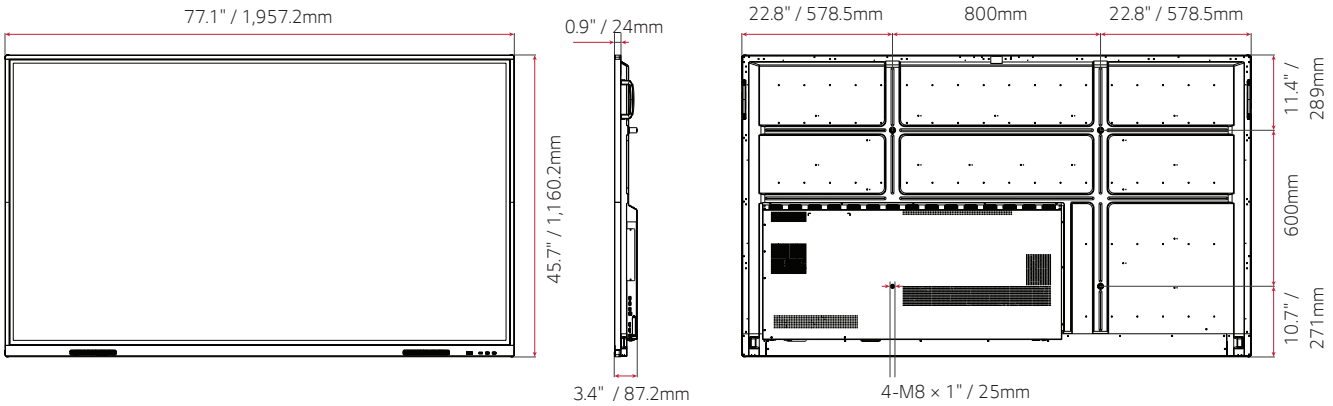
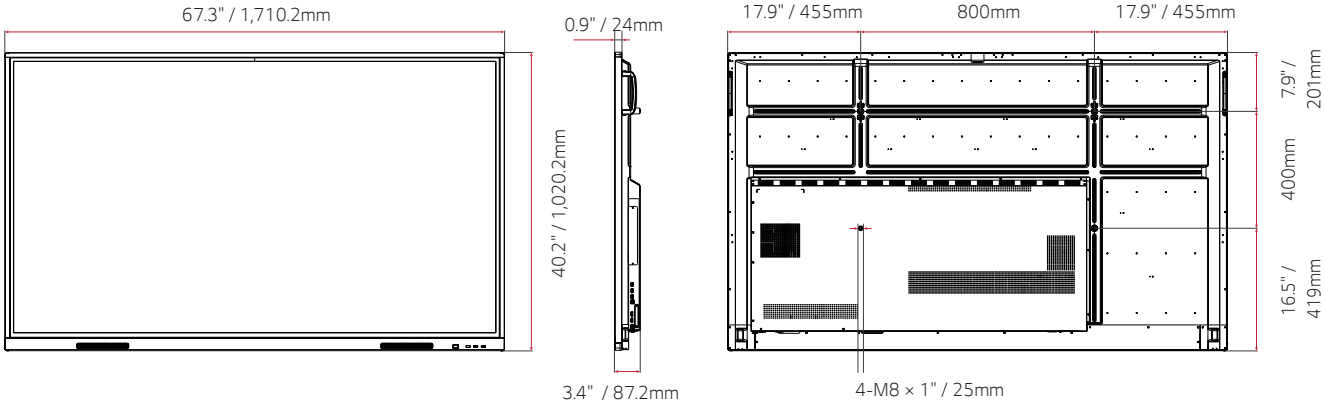
# DIMENSIONS

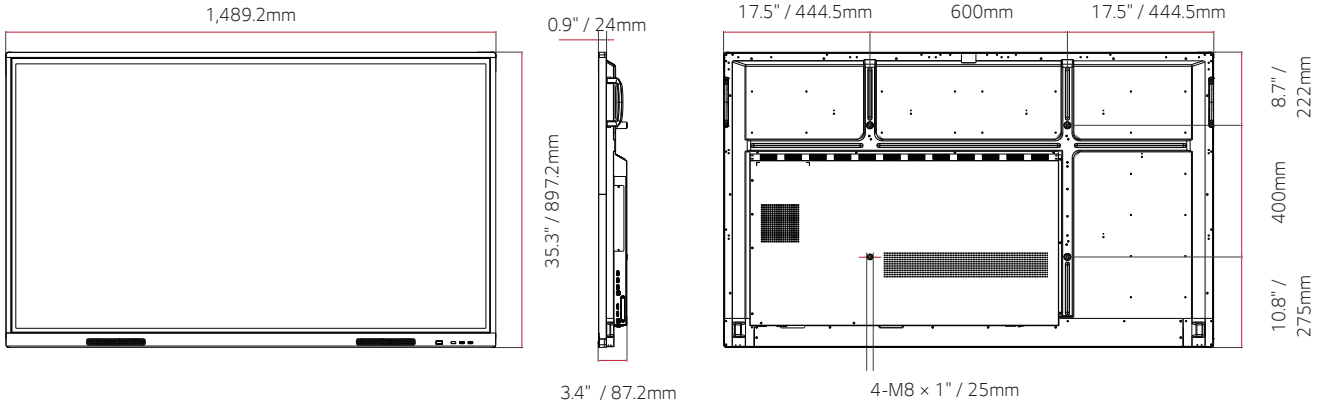
## 86"




## 75"



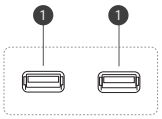

## 65"



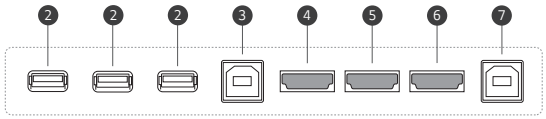
| | MODEL | 86TR3DJ | 75TR3DJ | 65TR3DJ |
|---|---|---|---|---|
| PANEL | Screen Size | 86" | 75" | 65" |
| | Panel Technology | IPS | IPS | IPS |
| | Back Light Type | Direct | Direct | Direct |
| | Aspect Ratio | 16:9 | 16:9 | 16:9 |
| | Native Resolution | 3840 x 2160 (UHD) | 3840 x 2160 (UHD) | 3840 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 | ≥3 mm |
| | Reponse Time | ≤60 ms (Android)<br>≤100 ms (Windows) | ≤60 ms (Android)<br>≤100 ms (Windows) | ≤60 ms (Android)<br>≤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 |
| CONNECTIVITY | HDMI In | Yes (3), HDCP2.2/1.4 | Yes (3), HDCP2.2/1.4 | Yes (3), HDCP2.2/1.4 |
| | 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)<br>USB2.0 Type A(3) | USB3.0 Type A(3)<br>USB2.0 Type A(3) | USB3.0 Type A(3)<br>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<br>1957 × 1160 × 87 mm | 67.3 x 40.2 x 3.4 in<br>1710 × 1020 × 87 mm | 58.6 x 35.3 x 3.4 in<br>1489 × 897 × 87 mm |
| | Carton Dimensions (W x H x D) (Box outer size) | 83.1 x 50.5 x 11.0 in<br>2112 × 1283 × 280 mm | 73.2 x 44.9 x 11.0 in<br>1860 × 1140 × 280 mm | 64.1 x 39.6 x 8.2 in<br>1628 × 1005 × 208 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 | 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

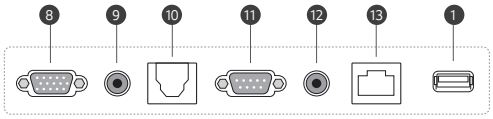
Front




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

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