

True Interactivity for Bringing People Together

With differentiated cutting-edge touch technology, the TR3BF Series supports multi-touch & writing functions providing accurate drawing and authentic touch quality. In addition, the Air Class and web browsers support multi-directional communication and interactive learning, which will help you achieve the successful business.



Genuine Touch
& Writing Experience



Easy Connection
& Sharing



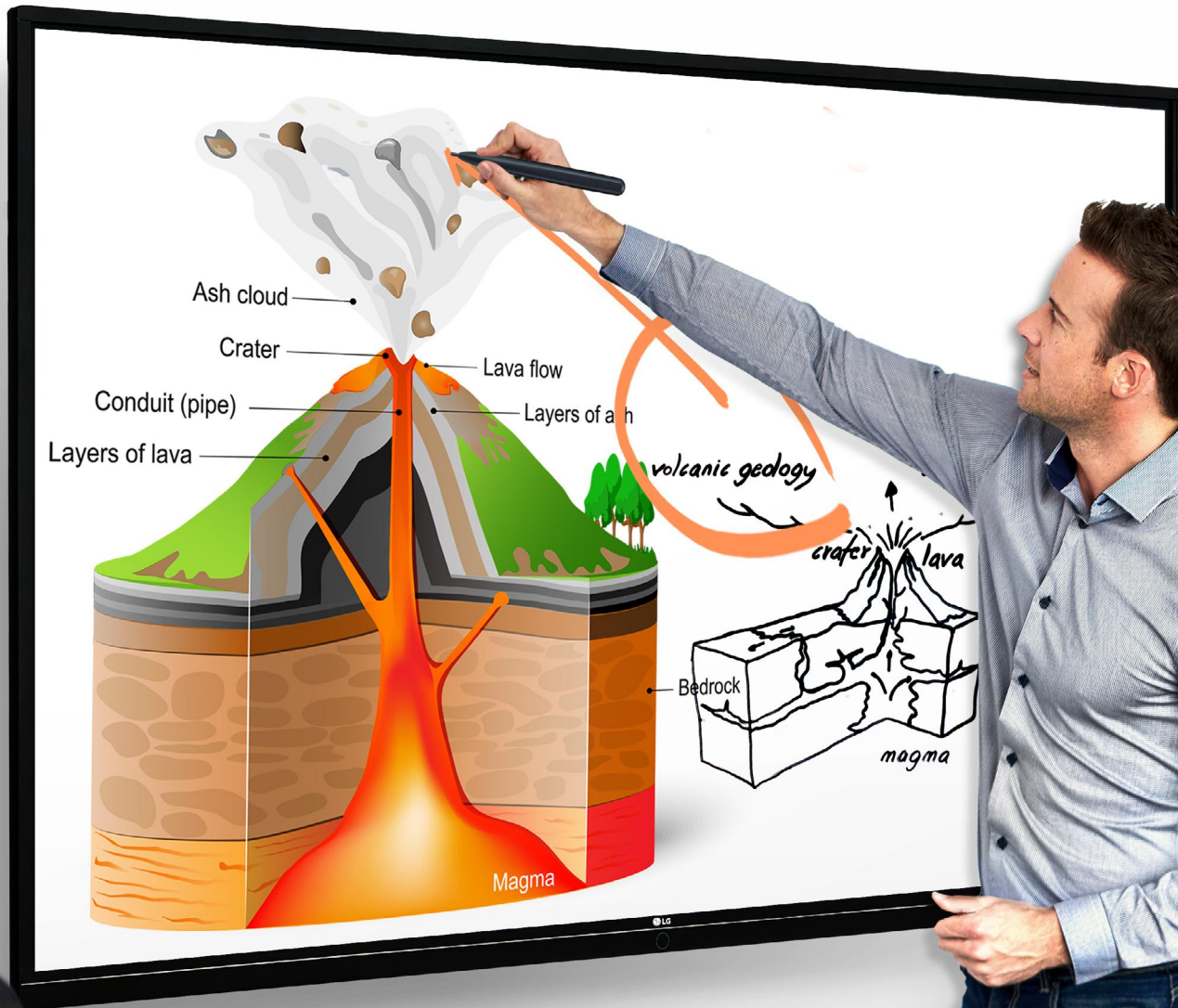
User Friendly
Experience



Superior
Picture Quality



* 86 inch



Multi Touch & Writing

The TR3BF Series can simultaneously use up to 20 points of multi-touch and 10 points of writing, as well as 2 types of stylus pens. This function offers a lifelike board writing experience and make collaboration much easier.



Palm Erasing

The TR3BF Series allows you to easily erase texts, pictures, etc., written on the screen by using your own hands. This is not only easier than erasing with the stylus, but also makes you feel more natural, like you're erasing a real whiteboard.



Air Class

Air Class supports connecting up to 30 students and offers interactive meetings for all mobile devices on the same network, providing a variety of tools such as voting, answering, and sharing project texts.



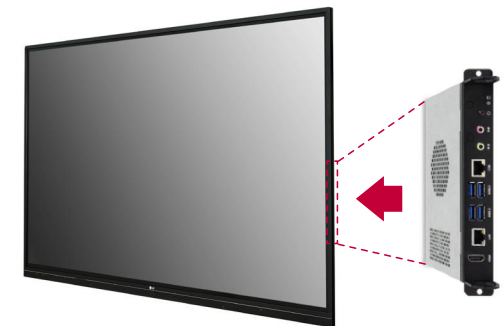
Screen Sharing

The TR3BF Series allows you to share screens and content with laptops and other mobile devices. This makes meetings and classes as efficient and immersive as possible.



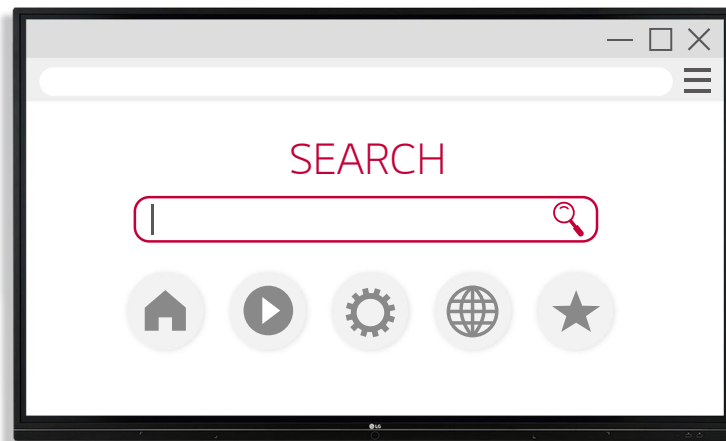
Built-in OPS Kit

The TR3BF Series supports OPS slots, allowing you to easily and conveniently mount OPS desktop at the back of the digital board without the hassle of connecting to an external desktop, offering you more expanded functions.



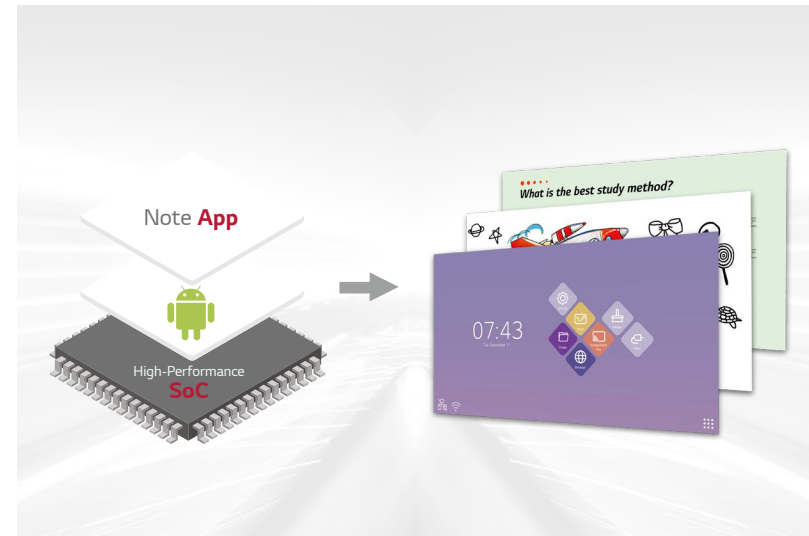
Web Browser

The TR3BF Series supports the web browser in the Android OS, so you can search the web easily and quickly, without connecting to an external desktop.



All-in One

The TR3BF Series integrates both Android and Note Apps into a high performance SoC, without a PC.



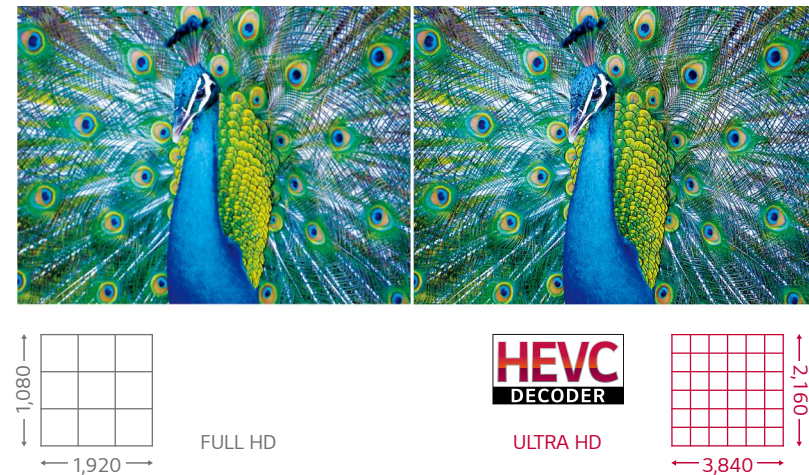
True Color, Immersive View

The TR3BF Series shows multimedia content to the attendees more vividly. The IPS panel clearly displays content at various angles, regardless of where attendees are sitting. Each pixel of the IPS panel reproduces the actual color of the image without any distortion.



Various Size with Ultra HD

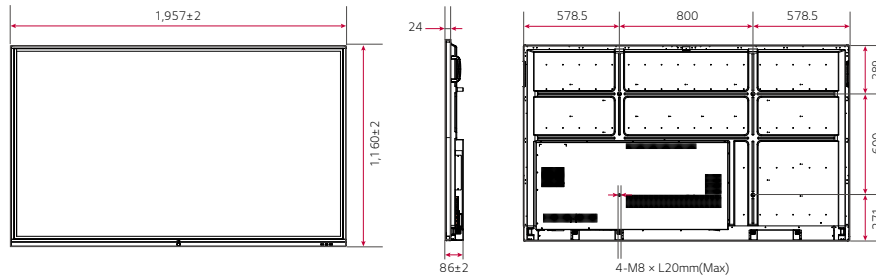
The UHD resolution will show you details at a resolution that is four times higher than FHD, even when zoomed in. Various documents, images, and videos can be displayed without any distortion of the image which is especially important in an educational and collaborating environment.



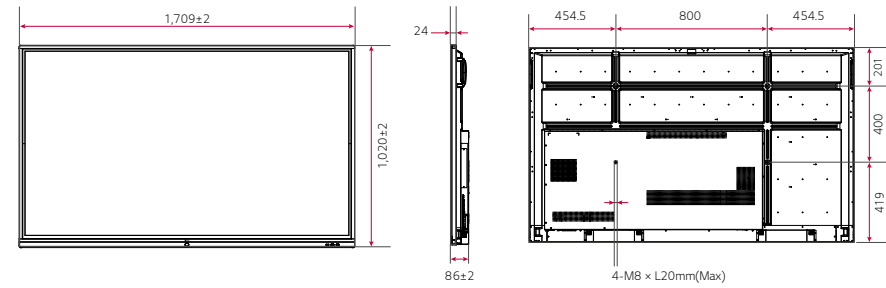
DIMENSION (unit: mm)

LG Interactive Digital Board | TR3BF Series

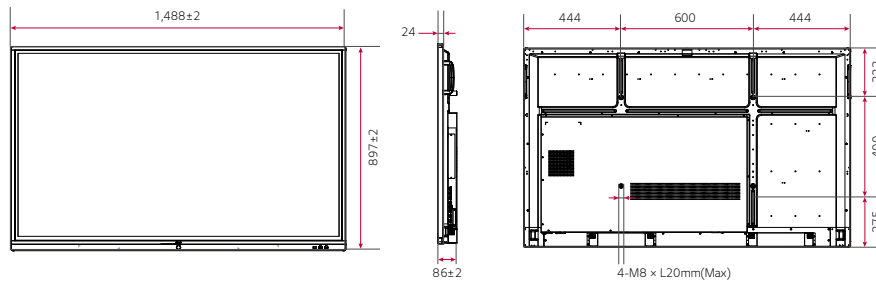
86"



75"



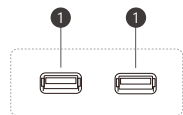
65"



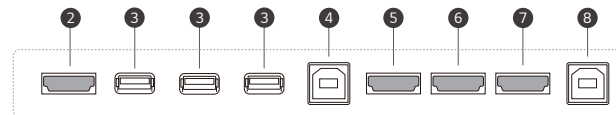
CONNECTIVITY

86" | 75" | 65"

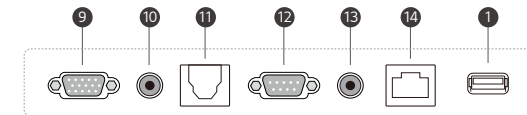
Front



Side



Bottom



- | | | | | |
|------------|---------------|---------------|-------------|-------------|
| ① USB 2.0 | ④ TOUCH OUT 1 | ⑦ HDMI IN 3 | ⑩ AUDIO IN | ⑬ AUDIO OUT |
| ② HDMI OUT | ⑤ HDMI IN 1 | ⑧ TOUCH OUT 2 | ⑪ SPDIF | ⑭ LAN |
| ③ USB 3.0 | ⑥ HDMI IN 2 | ⑨ VGA | ⑫ RS232C IN | |

* Dimension & Jack Panels (Read/Side) may differ from the above image, so please contact LG sales team to verify before ordering.

SPECIFICATION

LG Interactive Digital Board | **TR3BF Series**

| | | 86TR3BF | 75TR3BF | 65TR3BF |
|----------------------------|---------------------------------|---|---|---|
| PANEL | Screen Size | 86" | 75" | 65" |
| | Panel Technology | IPS | IPS | IPS |
| | Back Light Type | Direct | Direct | Direct |
| | Native Resolution | 3,840 × 2,160 (UHD) | 3,840 × 2,160 (UHD) | 3,840 × 2,160 (UHD) |
| | Brightness | Typ.: 330cd/m ² (w/Protection Glass) | Typ.: 330cd/m ² (w/Protection Glass) | Typ.: 350cd/m ² (w/Protection Glass) |
| | Contrast Ratio | 1,100 : 1 | 1,100 : 1 | 1,200 : 1 |
| | Viewing Angle (H x V) | 178 × 178 | 178 × 178 | 178 × 178 |
| | Response Time | 8ms (G to G) | 8ms (G to G) | 8ms (G to G) |
| | Operation Hours (Hours/Days) | 16 / 7 | 16 / 7 | 16 / 7 |
| | Portrait / Landscape | No / Yes | No / Yes | No / Yes |
| CONNECTIVITY | Input | HDMI(3), RGB, Audio | | |
| | Output | Audio | | |
| | External Control | RS232C In, RJ45(LAN) In | | |
| | USB | USB 3.0 Type A (3), USB 2.0 Type A (3), Touch Out USB (2) | | |
| MECHANICAL SPECIFICATION | Bezel Color | Black | Black | Black |
| | Bezel Width (Off Bezel) | (T/R/L) 17.7 mm, (B) 45.7 mm | (T/R/L) 17.7 mm, (B) 45.7 mm | (T/R/L) 17.7 mm, (B) 45.7 mm |
| | Monitor Dimensions (W x H x D) | 1,957 × 1,160 × 86 mm | 1,709 × 1,020 × 86 mm | 1,488 × 897 × 86 mm |
| | Weight (Head) | 67 kg | 53 kg | 40 kg |
| | Packed Weight | 109 kg | 85 kg | 67.6 kg |
| | Handle | Yes | Yes | Yes |
| | VESA™ Standard Mount Interface | 800 × 600 | 800 × 400 | 600 × 400 |
| KEY FEATURES | HW | Internal Memory (16GB), SoC (Hisi 811, Dual core A73+Dual core A53), DDR (3GB), Wi-Fi (Built-in, Slot type), Power Indicator, Local Key Operation (1, Power button) | | |
| | SW | Android 8.0 | | |
| ENVIRONMENT CONDITIONS | Operation Temperature | 0 °C to 40 °C | 0 °C to 40 °C | 0 °C to 40 °C |
| | Operation Humidity | 10 % to 80 % | 10 % to 80 % | 10 % to 80 % |
| POWER | Power Supply | 100-240 V~, 50/60 Hz | 100-240 V~, 50/60 Hz | 100-240 V~, 50/60 Hz |
| | Power Type | Built-In Power | Built-In Power | Built-In Power |
| | Power Consumption (Typ./Max) | 365 W / 419 W | 175 W / 294 W | 145 W / 275 W |
| SOUND | Speaker | Built in 24 W (12 W + 12 W) | Built in 24 W (12 W + 12 W) | Built in 24 W (12 W + 12 W) |
| STANDARD (CERTIFICATION) | Safety | CB / NRTL | CB / NRTL | CB / NRTL |
| | EMC | FCC Class "A" / CE | FCC Class "A" / CE | FCC Class "A" / CE |
| | ErP | Yes (EU Only) | Yes (EU Only) | Yes (EU Only) |
| MEDIA PLAYER COMPATIBILITY | OPS Type Compatible | Yes | Yes | Yes |
| ACCESSORIES | Basic | Power Cord 3 M*1, USB Cable (Type A-Type B) 5 M*1, HDMI Cable 3 M*1, Writing Pen*2pcs, User Manual, QSG, Carton Box, Remote Controller, Wi-Fi Module | | |
| SPECIAL FEATURES | Embedded Writing Software | Yes | | |
| TOUCH SPECIFICATIONS | Touch type | IR | | |
| | Available object size for touch | Ø3 mm ↑ | | |
| | Response Time | 60ms ↓ (Android) / 100ms ↓ (Windows) | | |
| | Accuracy | ±1.5 mm | | |
| | Interface | USB 2.0 | | |
| | Protection Glass Thickness | 4T (Anti-Glare) | | |
| | Protection Glass Transmission | 87 % | | |
| | Operating System Support | Windows 7 / 8 / 10 / WindowsXP / Linux / Mac / Android (WindowsXP / Linux / Mac Support one point touch) | | |
| | Multi touch point | Max 20 Points / Max 10 Writing | | |

* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.



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Solutions