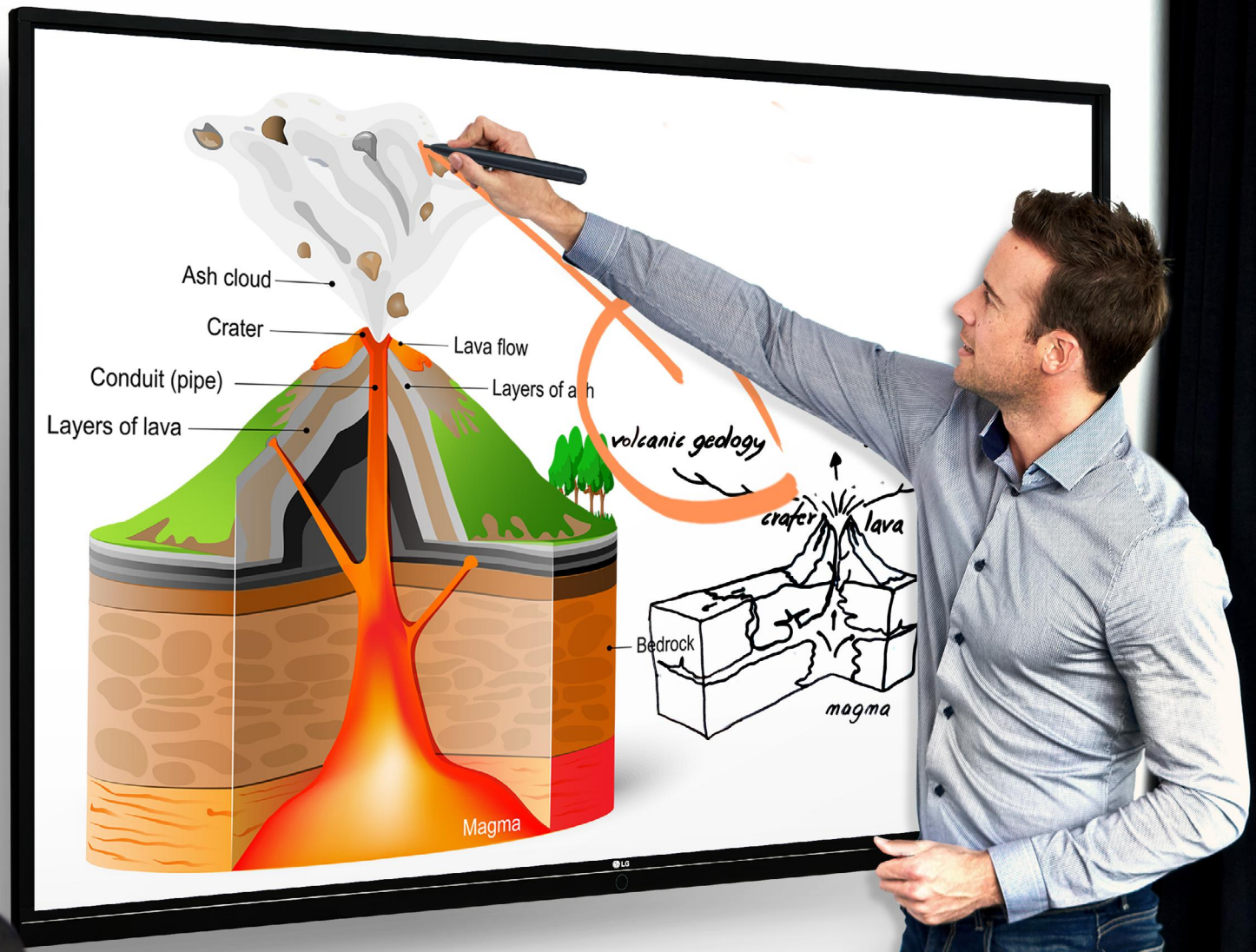
True Interactivity for Bringing People Together

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

LG Business Solutions


Ash cloud
Crater
Lava flow
Conduit (pipe)
Layers of ash
Layers of lava
Magma
volcanic geology
crater
lava
Bedrock
magma

GENUINE TOUCH & WRITING EXPERIENCE

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

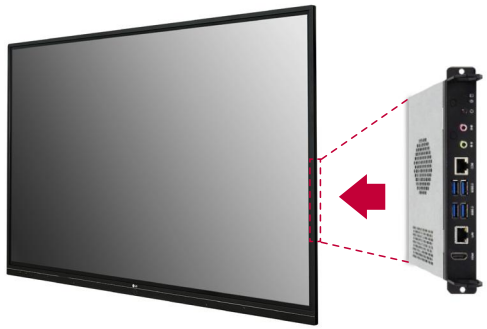
Air Class supports connecting up to 30 students and offers interactive meetings for all mobile devices on the same network, providing a variety of tools such as voting, answering, and sharing project texts.

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.

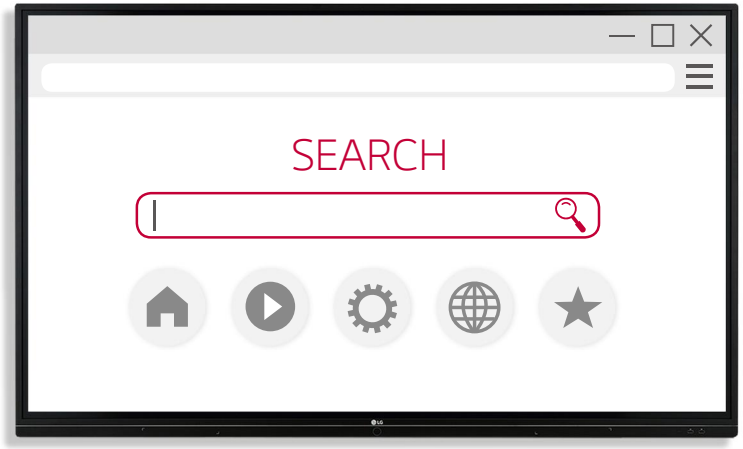
Built-in OPS Kit

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

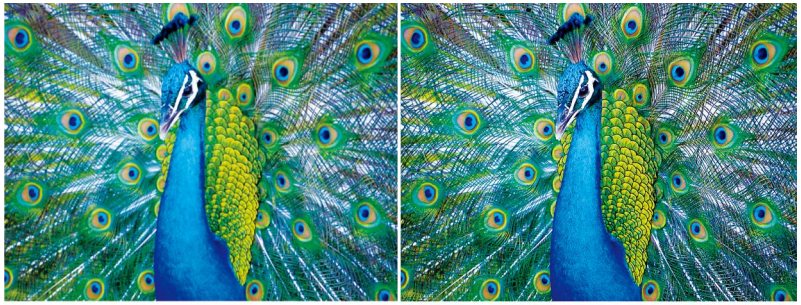
The TR3BF Series integrates both Android and Note Apps into a high performance SoC, without a PC.

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.

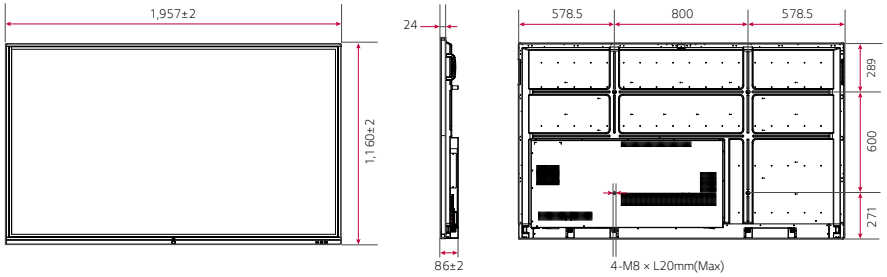
Various Size with Ultra HD

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.

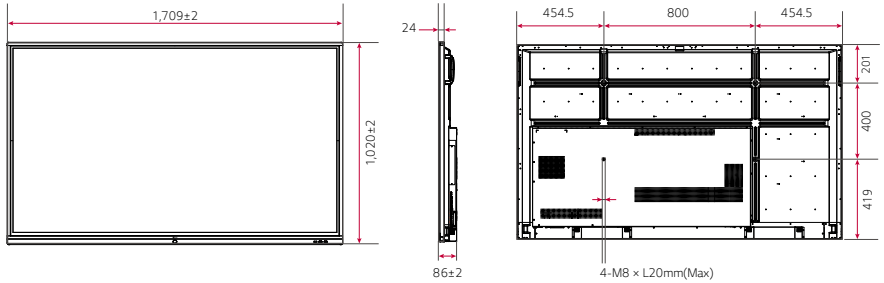


DIMENSION (unit: mm)

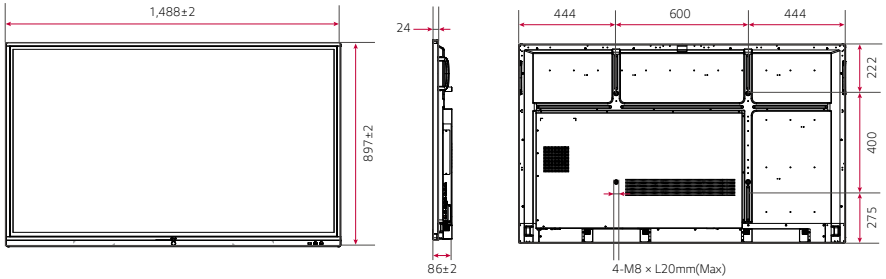
86”



75”



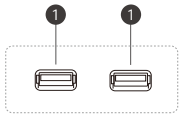
65”



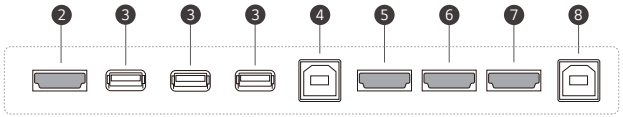
CONNECTIVITY

86” | 75” | 65”

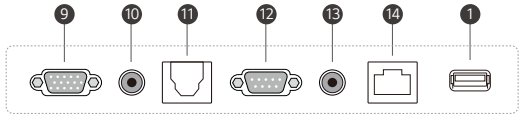
Front



Side



Bottom



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

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

SPECIFICATION

TR3BF Series : IR/Android			86TR3BF	75TR3BF	65TR3BF
PANEL		Screen Size	86	75	65
		Panel Technology	IPS	IPS	IPS
		Back Light Type	RGB, Direct	M+, Direct	M+, Direct
		Aspect Ratio	16 : 9	16 : 9	16 : 9
		Native Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
		Brightness	Tpy: 330cd/m^2 (w/Protection Glass)	Tpy: 330cd/m^2 (w/Protection Glass)	Tpy: 350cd/m^2 (w/Protection Glass)
		Contrast Ratio	1,100:1	1,100:1	1,200:1
		Viewing Angle(H x V)	178 x 178	178 x 178	178 x 178
		Response Time	8ms(G to G)	8ms(G to G)	9ms(G to G)
		Life time(Typ.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)
		Operation Hours	16Hr	16Hr	16Hr
		Orientation	Landscape	Landscape	Landscape
CONNECTIVITY	INPUT	Video / Audio	HDMI (3), RGB / Audio In		
		External Control	RS232C In, RJ45		
		USB	USB 2.0 (3, Front : 2ea, Bottom side: 1ea, Only for software update), USB 3.0 (3), Touch Out(USB2.0,B Type) (2)		
	OUTPUT	Video / Audio	HDMI (1), Optical Output / Audio Out		
MECHANICAL SPECIFICATION		Bezel Color	Black	Black	Black
		Bezel Width(Off Bezel)	Top/Right/Left:17.7mm, Bottom:45.7mm	Top/Right/Left:17.7mm, Bottom:45.7mm	Top/Right/Left:17.7mm, Bottom:45.7mm
		Monitor Dimension(W x H x D)	1,957×1,160×86mm	1,709×1,020×86mm	1,488×897×86mm
		Weight(Head)	67kg	53kg	40kg
		Carton Dimensions(W x H x D) with pallet	2,230×1,499×285mm	1,950×1,266×285mm	1,700×1,175×250mm
		Packed Weight	109kg	85kg	67.6kg
		Handle	Yes	Yes	Yes
		VESA™ Standard Mount Interface	800 x 600	800 x 400	600 x 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	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
		Power Type	Built-In Power	Built-In Power	Built-In Power
		Power Consumption(Typ./Max)	400W / 450W	260W / 300W	240W / 280W
SOUND		Speaker	Built in 24W (12W + 12W)	Built in 24W (12W + 12W)	Built in 24W (12W + 12W)
STANDARD (CERTIFICATION)		Safety	UL / cUL / CB	UL / cUL / CB	UL / cUL / CB
		EMC	FCC Class "A" / CE	FCC Class "A" / CE	FCC Class "A" / CE
		ErP / Energy Star	Yes / No	Yes / No	Yes / No
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 Control		
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	±1.5mm		
		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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