

True Interactivity for Bringing People Together

With differentiated cutting-edge touch technology, the TR3BF Series supports Dual Pen & multi-touch functions providing accurate drawing and authentic touch quality. The Air Class feature and built-in web browser support multi-directional communication and interactive learning, which will help you achieve the successful business.



Genuine Touch
& Writing Experience



Easy Connection
& Sharing



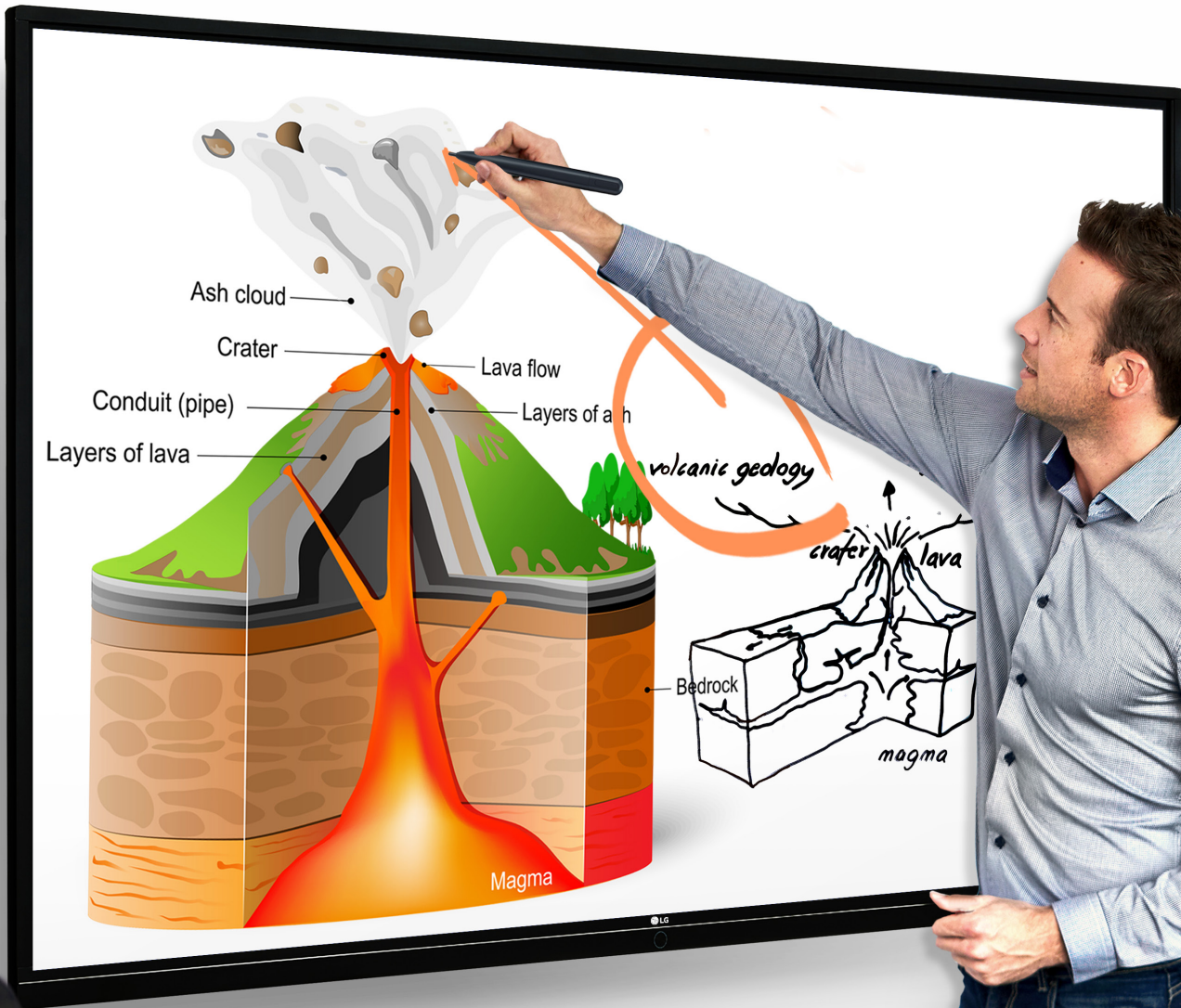
User Friendly
Experience



Superior
Picture Quality



* 86 inch



Ash cloud

Crater

Lava flow

Conduit (pipe)

Layers of ash

Layers of lava

volcanic geology

crater

lava

Bedrock

magma

Magma

LG

Dual Pen & Multi Touch

The TR3BF Series can support up to 20 points of simultaneous multi-touch and 10 points of simultaneous writing, as well as two types of stylus pens. This creates a lifelike board writing experience while making simultaneous collaboration much easier.



Palm Erasing

The TR3BF Series allows you to easily erase text, drawings and pictures on the screen using your own hand. This is not only easier than using a stylus to erase, but it is as natural as erasing a whiteboard without the mess on your hands.



Air Class

Air class can connect up to 30 students and supports interactive meetings for virtually all types of mobile devices on the same network. Applications include tools such as voting, answering questions and sharing project literature.



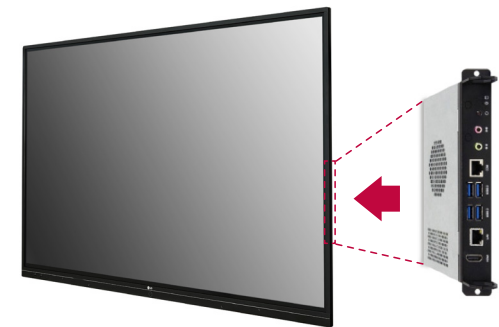
Screen Sharing

The TR3BF Series allows you to share screens with laptops and other mobile devices. This content sharing method efficiently creates incredibly immersive class environments.



Built-in OPS Kit

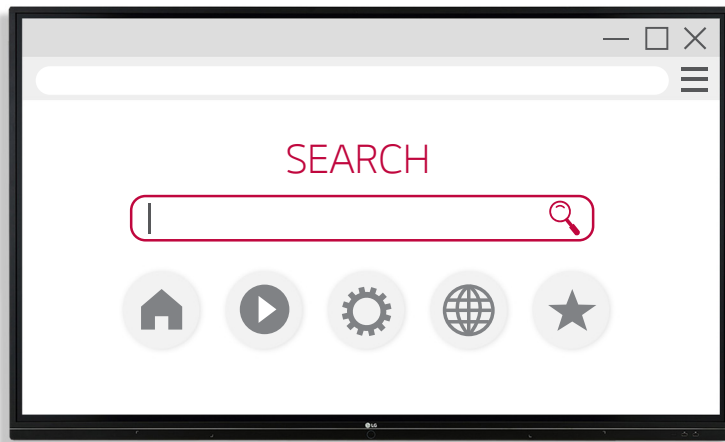
The TR3BF Series supports OPS* slots, allowing you to conveniently mount an OPS computer at the back of the TR3BF without the hassle of connecting to an external desktop.



* Open Pluggable Specification

Web Browser

The TR3BF Series supports the Chrome 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 selected Android and Note Apps into a high performance SoC, without a PC.



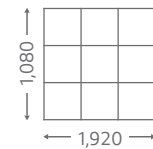
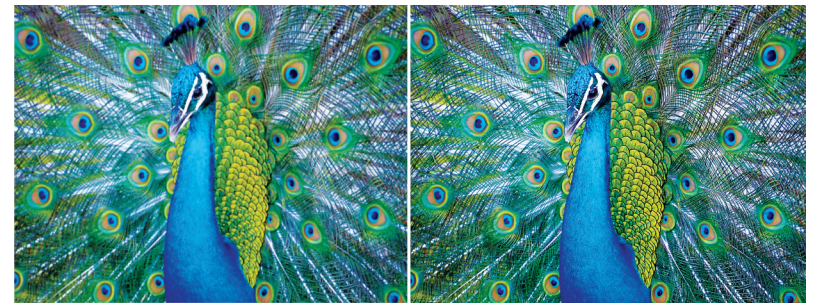
True Color, Immersive View

The TR3BF Series shows multimedia content to the attendees more vividly. The IPS panel clearly displays content even at wide viewing angles, regardless of where attendees are sitting.



Various Size with Ultra HD

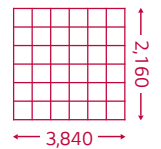
The UHD resolution will show you details at a resolution that is four times higher than FHD, even when zoomed in. Various documents, images, and videos can be displayed without distortion of the image which is especially important with multiple students and teachers collaborating in an educational environment.



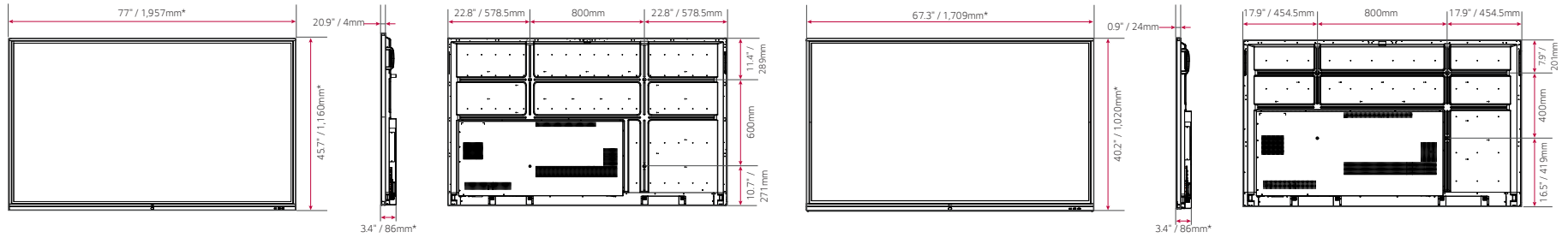
FULL HD



ULTRA HD

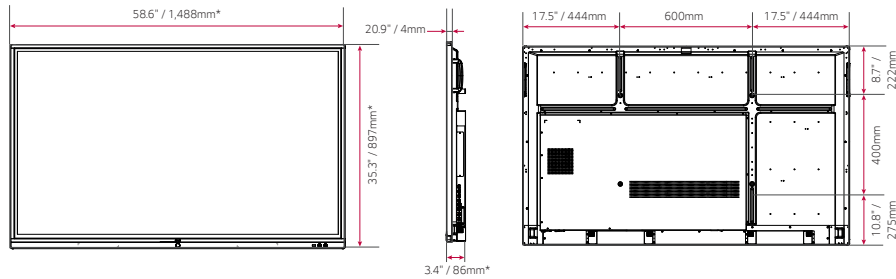


86"



75"

65"

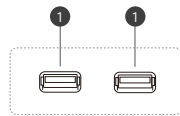


CONNECTIVITY

* Measurement has a plus-or-minus 2mm tolerance

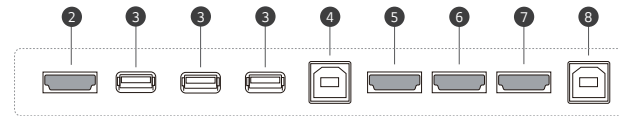
86" | 75" | 65"

Front



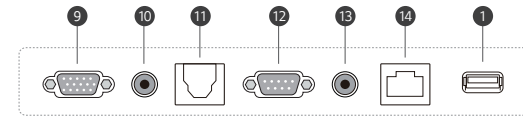
- 1 USB 2.0
- 2 HDMI OUT
- 3 USB 3.0

Side



- 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

Bottom



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

SPECIFICATIONS

		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	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Brightness (Typical with Protection Glass)	280 nits	280 nits	300 nits
	Contrast Ratio	1100:1	1100:1	1200:1
	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)
	Minimum Life Time (Typical)	30,000 Hrs	30,000 Hrs	30,000 Hrs
Operation Hours	16 Hours/Day	16 Hours/Day	16 Hours/Day	
Orientation	Landscape	Landscape	Landscape	
CONNECTIVITY	INPUT	Video / Audio	HDMI (3), RGB / Audio In	
		External Control	RS-232C In, RJ45	
	OUTPUT	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)	
	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 Dimensions (W x H x D)	77" x 44.7" x 3.4" / 1957x1160x86mm	67.3" x 40.2" x 3.4" / 1709x1020x86mm	58.6" x 35.3" x 3.4" / 1488x897x86mm
	Weight (Head)	147.7 lbs / 67kg	116.8 lbs / 53kg	88.2 lbs / 40kg
	Carton Dimensions (W x H x D) with pallet	87.8" x 59" x 11.2" / 2230x1499x285mm	76.8" x 49.8" x 11.2" / 1950x1266x285mm	66.9" x 46.3" x 9.8" / 1700x1175x250mm
	Packed Weight	240.6 lbs / 109kg	187.4 lbs / 85kg	149 lbs / 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	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 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	Yes	Yes	Yes
MEDIA PLAYER COMPATIBILITY	OPS type compatible	Yes	Yes	Yes
TOUCH SPECIFICATIONS	Touch type	IR		
	Available object size for touch	> 3 mm ↑		
	Response Time	Less than 60 ms (Android) / Less than 100 ms (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)		
Max Simultaneous Touch	20 Points Multi Touch / 10 Points Writing			
ACCESSORIES & OTHER	Basic	Power Cord (3m), USB Cable (5m), HDMI Cable (3m), HDMI Cable 3 M*1, Writing Pen*2pcs, User Manual, QSG, Carton Box, Remote Control		
	Embedded Writing Software	Yes		
	Country of Origin	Korea		
	Warranty	3 Year Limited Warranty		
	UPC	7 19192 63407 7	7 19192 63408 4	7 19192 63409 1

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