



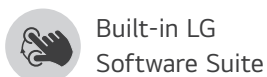
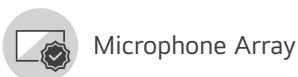
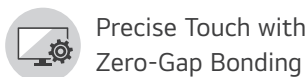
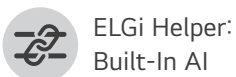
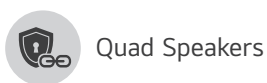
* All images in this datasheet are for illustrative purposes only.



Interactive Digital Board TR3PN

LG CreateBoard[®] Pro

Create, Manage & Share: Now Supercharged



TR3PN

	Inch	86" / 75" / 65"	
Display	Native Resolution	3,840 × 2,160 (UHD)	
	Brightness (w/o Glass)	400 nits (Typ.)	
	Touch	Multi-Touch Point Max. 50 Points	
Software	OS Version	Android 13	
Connectivity	Input	HDMI (x4, HDCP2.3), DP (x1, HDCP 1.3/2.3), Audio (x1, 3.5mm), RS-232C (x1), RJ45 (x1, LAN), USB Type-C (x2), USB 3.0 Type A (x4), USB 2.0 Type A (x3)	
		Output	HDMI Out (x1), Audio Out (x1, 3.5mm), Touch USB 2.0 Type A (x2), RJ45 (x1, LAN)



Why LG CreateBoard Pro?

Google Certified - Amazing Sound - Silky Smooth Touch - ELGi AI Helper to Boost Productivity

The LG CreateBoard Pro offers a lifelike touch experience, allowing users to interact with content directly on the board. You can write, draw, zoom, and rotate using your fingertips. With screen and content sharing, CreateBoard Pro is an effective tool for collaborative projects and presentations. You can even utilize CreateBoard Pro like a giant touch-screen version of the laptop that you're used to. With the ChromeOS OPS or Windows OS OPS, simply sign into your account for access to your custom settings, folders, apps and more.



Google Certification

LG CreateBoard has received Google certification, enabling users to seamlessly integrate with the Google ecosystem by connecting their Google accounts.

* Exceptions apply in countries without Google Services.



Google Play Store

Users have access to the Google Play Store, where they can download a wide range of applications, including education related games, tools, and more for an expanded experience.

* Exceptions apply in countries without Google Services.

ELGi™

ELGi AI Features:

- Handwriting Recognition
- Handwriting Prediction
- Signature Recognition
- Writing Structure Recognition
- Live Language Translation with Subtitles
- Sketch Recognition
- SVG Image converter
- Circle to Search
- Math Notes
- Video Pilot with Summary
- Not feeling it? Shut AI on or Off easily.

We would like to introduce you to our built-in helper, ELGi. ELGi AI is dedicated to helping save time with tasks, boost productivity and create efficiencies for all users. With key features for recognition, prediction and translation, ELGi can even be a game changer for users with disabilities. ELGi can read out text and assist with navigation.



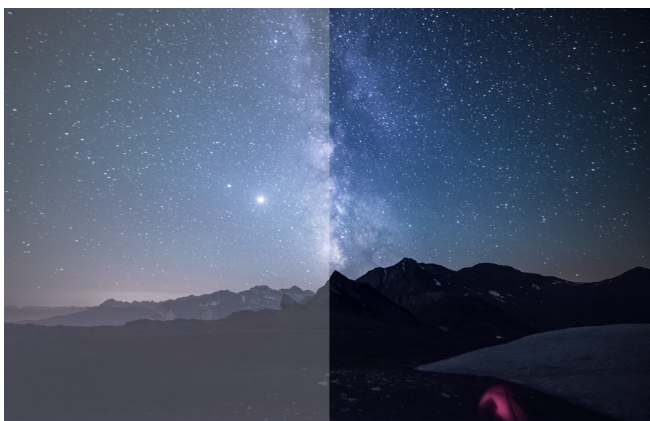
Microphone Array

CreateBoard Pro is packed with extra features like the built-in microphone array located at the top of the board. Whether you are recording a lecture, teaching to online students or simply taking notes, the CreateBoard Pro microphone is sure to be an everyday feature.



Quadraphonic Sound

The quad speakers provide a three-dimensional clearer and louder sound than traditional 15W display speakers. Whether you're playing a video, music, a pre-recorded lesson or have online students on the other side, the CreateBoard Pro sounds perfect in the classroom environment.



Zero Gap Bonding

Why zero Gap Bonding? Now you get a precise touch experience that mirrors writing on an old-fashioned white board. This optical bonding provides better clearness and with a 50-point multi-touch capability.

LG CreateBoard Lab™



LG CreateBoard Lab™ offers a variety of educational templates and teaching tools such as a ruler, table, and sticky notes, allowing for active engagement by students and enabling intuitive classes. Editing images and videos becomes easy with LG CreateBoard, and created resources can be easily shared with others through connected cloud devices.



LG CreateBoard share

LG CreateBoard Share offers a wireless screen sharing feature, providing users with a flexible discussion environment. Users can share their screen from their own devices, simplifying the process of sharing and collaborating on team projects or presentation materials. LG CreateBoard also supports app-less sharing for PC (via website) and mobile devices within the same network. For a more stable connection, LG recommends the installation of a dedicated app (e.g., LG CreateBoard Share).

* LG CreateBoard Share app is compatible with Android 5.1 and higher, iOS 12.0 and higher, and MacOS 11.0 and higher.

The following features are included

Summary of connection status and device issues

List of apps frequently used

No response status, filtered by date (webOS, Android)

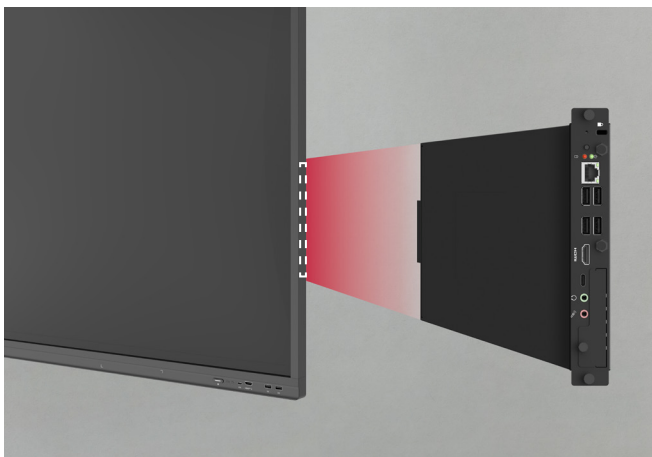
Recent issue type

Scheduling history for the previous 7 days

LG ConnectedCare® DMS

LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of LG CreateBoard and signage displays. This feature enables IT managers to operate and manage important resources on operating devices without physically visiting sites.

* 'LG ConnectedCare DMS' needs to be purchased separately.



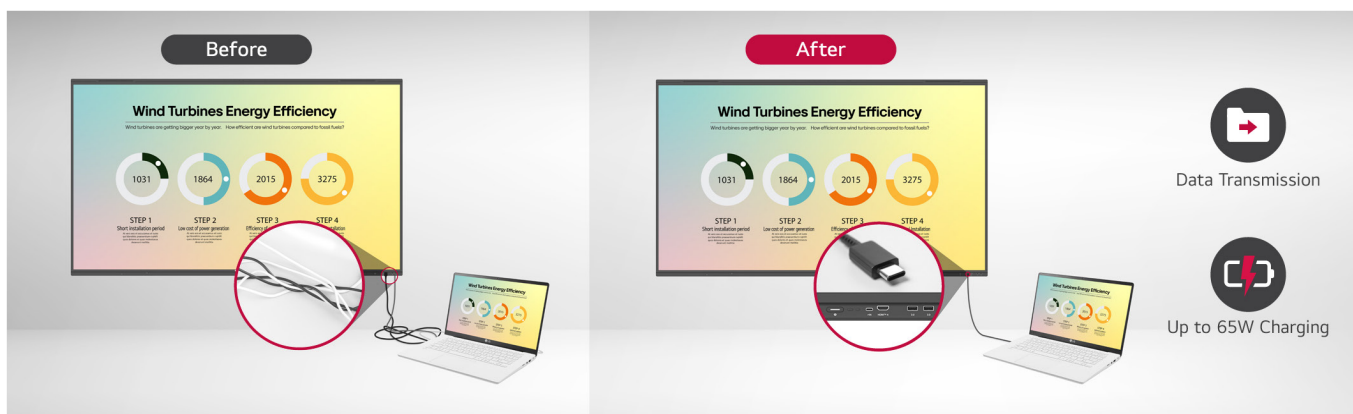
Built-in OPS Slot

LG CreateBoard supports OPS (Open Pluggable Specification) slots, allowing users to conveniently mount OPS Module at the back of the screen without the hassle of connecting to an external desktop. This enables various PC functions and Windows software.



Camera Port

The CreateBoard Pro has a camera port on top reserved for easy connection, reducing cabling and cleaner setup.



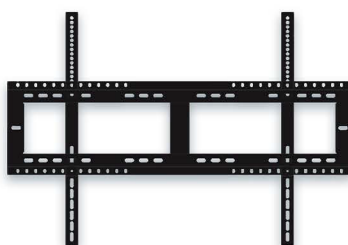
USB Type-C Connection

USB-C connectivity simplifies connections which enables charging and sending data simultaneously over just one single cable.



CreateBoard Slot-in PC

The CreateBoard features an optional Windows OS or Chrome OS OPS Slot-in PC for more flexibility, allowing user to run familiar applications such as Google Workspace or Office 365, and more.



Universal Wall Mount

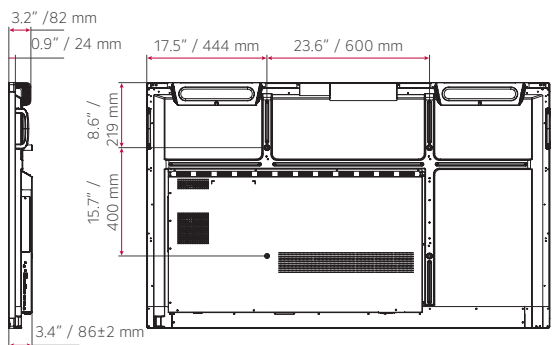
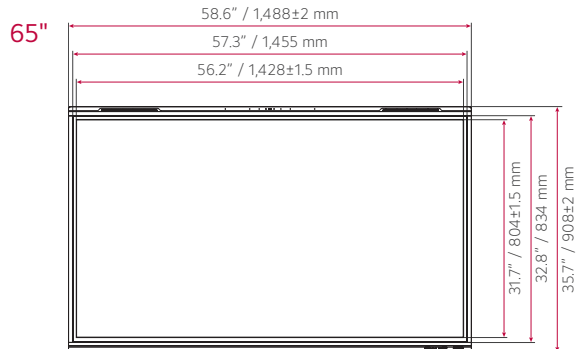
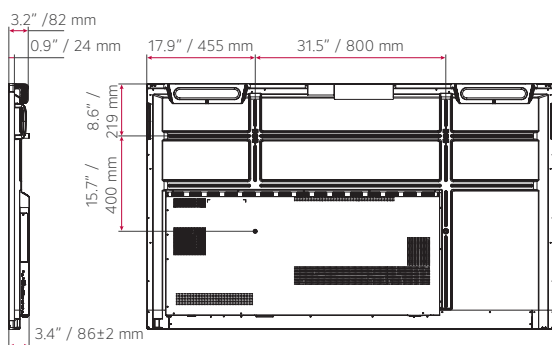
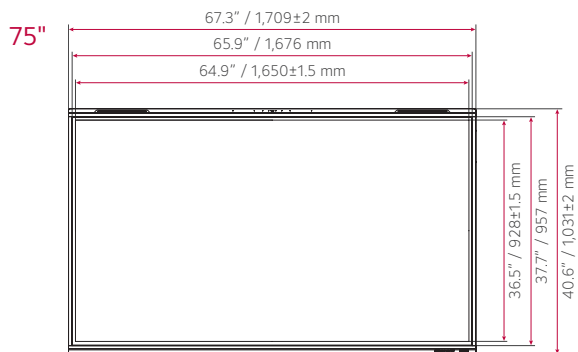
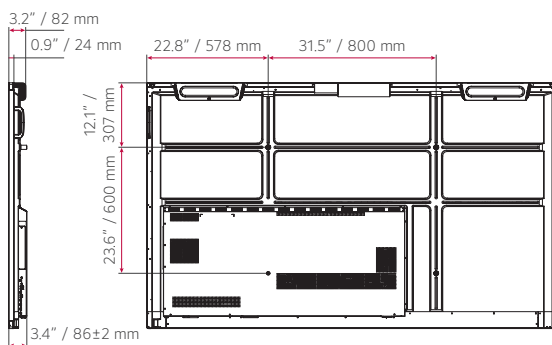
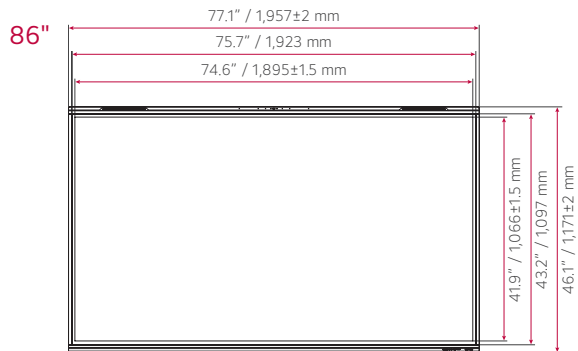
LG offers a fixed wall mount accessory that allows the display to be securely installed in a variety of environments.



Display Mobile Stand

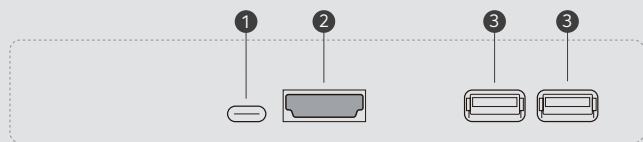
LG offers a mobile cart for the display, allowing users to more safely transport the display between various rooms.

Dimensions

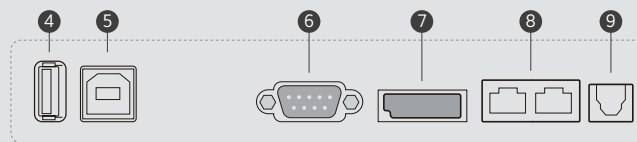


Connectivity

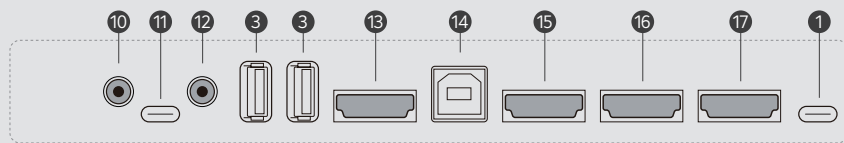
Front



Bottom



Side



- 1 USB Type-C
- 2 HDMI™ 4
- 3 USB 3.0
- 4 USB 2.0
- 5 TOUCH 2
- 6 RS-232
- 7 DP IN
- 8 LAN
- 9 SPDIF
- 10 AUDIO IN
- 11 OUT
- 12 AUDIO OUT
- 13 HDMI™ OUT
- 14 TOUCH 1
- 15 HDMI™ 1
- 16 HDMI™ 2
- 17 HDMI™ 3

Specifications

TR3PN Series

		86TR3PN-B	75TR3PN-B	65TR3PN-B	
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	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	
	Refresh Rate	60 Hz	60 Hz	60 Hz	
	Brightness	400 nit (w/o Glass Typ.)	400 nit (w/o Glass Typ.)	400 nit (w/o Glass Typ.)	
	Contrast Ratio	4,000:1	4,000:1	4,000:1	
	Dynamic CR	5,000:1	5,000:1	5,000:1	
	Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%	
	Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	
	Color Depth	10 bit (8 bit+ FRC)	10 bit (8 bit+ FRC)	10 bit (8 bit+ FRC)	
	Response Time	6.5 ms (Typ.)	8 ms (Typ.)	6.5 ms (Typ.)	
	Surface Treatment (Haze)	25%	25%	25%	
	Lifetime*	Up to 50,000 Hours	Up to 50,000 Hours	Up to 50,000 Hours	
	Operation Hours (Hours / Days)	16 / 7	16 / 7	16 / 7	
Portrait / Landscape	No / Yes	No / Yes	No / Yes		
Connectivity	Input	HDMI (4, HDCP 2.3), DP (1, HDCP 1.3 / 2.3), Audio In, RS-232C In, RJ45 (LAN), USB (2, Type C), USB 3.0 (4, Type A), USB 2.0 (3, Type A)			
	Output	HDMI Out, Audio Out, Touch USB 2.0 (2, Type A), RJ45 (LAN)			
Mechanical Specifications	Bezel Color	Black	Black	Black	
	Bezel Width (T / R / L / B)	34.3 / 15.6 / 15.6 / 37 mm	34.3 / 15.6 / 15.6 / 37 mm	34.3 / 15.6 / 15.6 / 37 mm	
	Weight (Head)	140 lbs. / 63.5 kg	113.3 lbs. / 51.4 kg	85.1 lbs. / 38.6 kg	
	Packed Weight	176.6 lbs. / 80.1 kg	133.8 lbs. / 60.7 kg	106.3 lbs. / 48.2 kg	
	Dimensions (W x H x D)	77.1 x 46.1 x 3.4 in. 1,957 x 1,171 x 86 mm	67.3 x 40.6 x 3.4 in. 1,709 x 1,031 x 86 mm	58.6 x 35.8 x 3.4 in. 1,488 x 908 x 87 mm	
	Shipping Dimensions (W x H x D)	83.1 x 50.9 x 8.9 in. 2,110 x 1,291 x 225 mm	73.4 x 45.2 x 8.9 in. 1,863 x 1,148 x 225 mm	64.1 x 39.6 x 8.2 in. 1,628 x 1,005 x 208 mm	
	Handle	Yes (2)	Yes (2)	Yes (2)	
	VESA™ Standard Mount Interface	800 X 600	800 X 400	600 X 400	
Protection Glass	Thickness	3.2 mm	3.2 mm	3.2 mm	
	Degree of Protection	Safety Glass	Safety Glass	Safety Glass	
	Tempered / Chemical Strengthening	Tempered Strengthening	Tempered Strengthening	Tempered Strengthening	
Key Features	Internal Memory (64 GB), Built-In Wi-Fi (Slot Type), Temperature Sensor, Auto Brightness Sensor, Power Indicator, Built-in MIC (8), webOS ver. (Android 13 (EDLA)), Booting Logo Image, PIP (External Source), Screen Share (LG CreateBoard Share), Smart Energy Saving (Energy Saving), Wake on LAN, Network Ready (Fast Power On), HDMI-CEC				
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 90%	10% to 90%	10% to 90%	
	Power Supply	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	
	Power Type	Built-In Power	Built-In Power	Built-In Power	
	Power Consumption	Typ. / Max.	280 / 530 W	210 / 450 W	180 / 425 W
		BTU (British Thermal Unit)	1,280 BTU/Hr (Typ.), 1,945 BTU/Hr (Max.)	1,092 BTU/Hr (Typ.), 1,808 BTU/Hr (Max.)	665 BTU/Hr (Typ.), 1,416 BTU/Hr (Max.)
DPM		Less than 0.5 W	Less than 0.5 W	Less than 0.5 W	
	Power Off	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W	
Sound	Speakers (Built-in)	Yes (18 W x 2, 8 W x 2)	Yes (18 W x 2, 8 W x 2)	Yes (18 W x 2, 8 W x 2)	
Regulatory & Certifications	Safety	IEC62368, EN62368, GB4943, UL62368	IEC62368, EN62368, GB4943, UL62368	IEC62368, EN62368, GB4943, UL62368	
	EMC	FCC Class "A"	FCC Class "A"	FCC Class "A"	
	Energy Star	Yes	Yes	Yes	
OPS Compatibility	OPS Type Compatible	Yes	Yes	Yes	
	OPS Power Built-In	Yes	Yes	Yes	
Software Compatibility	LG ConnectedCare ¹	Yes	Yes	Yes	
Warranty	3 Year Limited	Yes	Yes	Yes	

* Lifetime spec does not supersede the limited 3-year warranty.

Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Portugues (Europe), Dutch, Czech, Greek, Arabic, Polski, Hungary, Romania, Thai, Turkiye, Ukraine, Basque, Catalan, Kazakhstan, Indonesia				
Accessories	Basic	Power Cord (3 M x 1), USB Cable (Type A-Type B) 5 M x 1, USB Type-C Cable (C to C) 1.8 M x 1, HDMI Cable (3 M x 1), Writing Pen x 2 Pcs, User Manual, QSG, Carton Box, Remote Controller, Wi-Fi Module			
	Optional	Wall Mount (WM-L000S), Floor Stand (ST-000F / ST-860F)			
Touchscreen Features	Touch	Available Object Size for Touch	Ø2 mm ¹	Ø2 mm ¹	Ø2 mm ¹
		Response Time	≤2.5 ms	≤2.5 ms	≤2.5 ms
		Writing Height	≤1 ms	≤1 ms	≤1 ms
		Accuracy (Typ.)	±1	±1	±1
		Interface	USB 2.0	USB 2.0	USB 2.0
		Protection Glass Thickness	3.2 mm	3.2 mm	3.2 mm
		Protection Glass Transmission	88%	88%	88%
		Operating System Support	Windows 10 / 8 / 7 / Android		
		Multi Touch Point	50 Points (Max.)	50 Points (Max.)	50 Points (Max.)
System Features	CreateBoard Pro System	CPU	Octa-core A76 x 4 + ASS x 4	Octa-core A76 x 4 + ASS x 4	Octa-core A76 x 4 + ASS x 4
		GPU	Mali G52MP2	Mali G52MP2	Mali G52MP2
		Memory (RAM)	8 GB	8 GB	8 GB
		Storage	64 GB	64 GB	64 GB
		Wi-Fi	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax
		LAN	Gigabit LAN	Gigabit LAN	Gigabit LAN
		Bluetooth	Bluetooth 5.0	Bluetooth 5.0	Bluetooth 5.0
		OS version	Android 13 (EDLA)	Android 13 (EDLA)	Android 13 (EDLA)

¹ The availability can differ by region.

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.