



*All images shown are for illustrative purposes only.

Interactive Digital Board TR3DK

LG CreateBoard,

Where Digital Innovation Meets Intuitive Functionality



Genuine Touch & Writing Experience



Google EDLA



Easy Connection & Sharing



User Friendly Experience



Security & Compatibility



Remote-control Services

TR3DK

Size	Size	248.92 cm (98), 218.44 cm (86), 190.5 cm (75), 165.1 cm (65), 139.7 cm (55)
Display	Native Resolution	3,840 × 2,160 (UHD)
	Brightness	440 nits (Max.)
Touch	Multi-Touch Point	Max. 40 Points
Software	OS Ver.	Android 13 (EDLA)
Connectivity	Input	HDMI (3, HDCP2.2), RGB (1, VGA), Audio (1), RS-232C (1), RJ45 (1, LAN), USB3.0 Type A (4), USB2.0 Type A (1), USB Type-C (1, USB-PD, DP-Alt)
	Output	HDMI (1), Audio Out (1, Optical 1(SPDIF)), Touch USB (2), RJ45 (1, LAN)

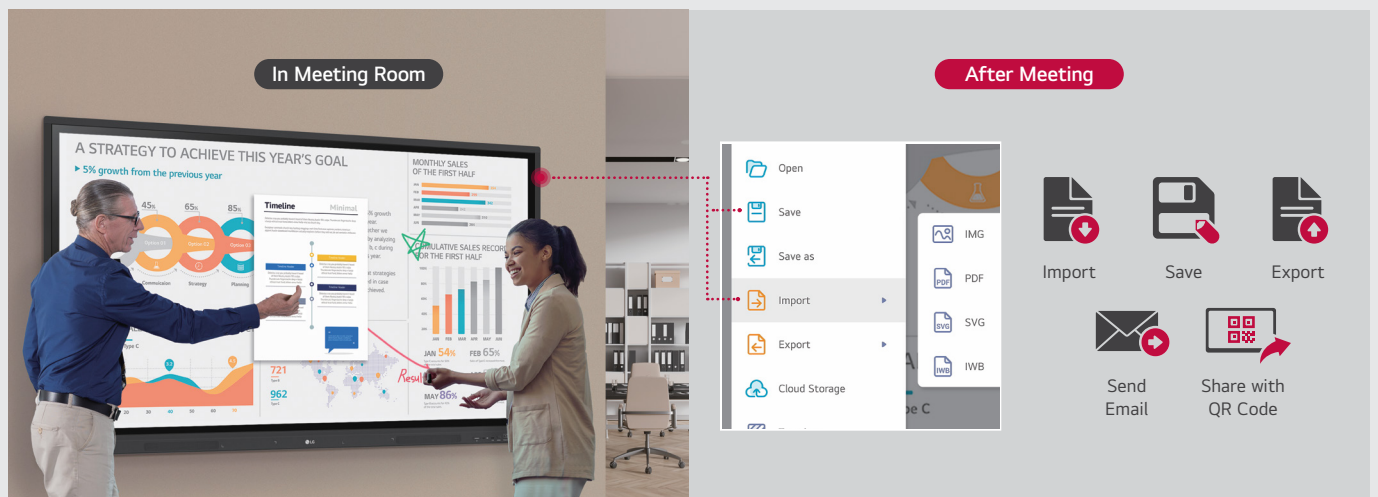
CREATIVE WHITEBOARD SOLUTION



Multi-touch

LG CreateBoard can simultaneously detect up to 40 points for multi-touch functionality. With a lifelike board touch experience, it allows people to write and touch at the same time, making it easy to collaborate and share ideas with teammates. This boosts efficient interaction in group activities or meetings.

- * A max of 32 points are recognized in the Android environment, and a max of 40 points are detected in the Windows environment.
- * Up to 10 points can be recognized in the writing app.



Easy to Save / Import / Export

LG CreateBoard includes simple import and export functionality. Resources can be saved and imported directly to and from Google Drive or OneDrive, and files can be imported from a USB drive (Users can browse resources saved on USB storage). After the meeting, users can easily save and export content through a simple touch. Additionally, users can directly send it via email to share with others or transfer the data to a personal device by scanning a QR code.

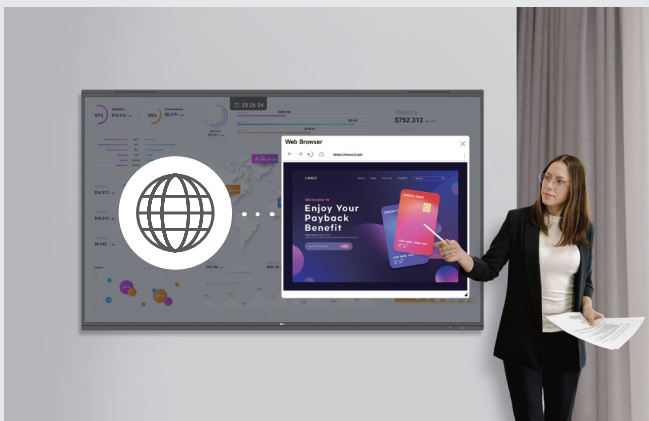
LG CREATEBOARD LAB

LG's proprietary whiteboarding software



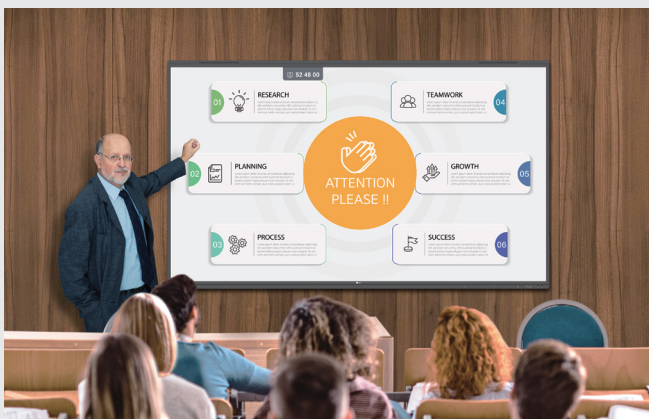
Tools for Fluid Collaboration

A variety of tools such as a calculator, clock, and sticky note are available to facilitate smooth discussions and ensure seamless idea sharing and communication. Also, users can personalize the menu bar with their most frequently used tools, thereby improving their work efficiency.



Web Browser

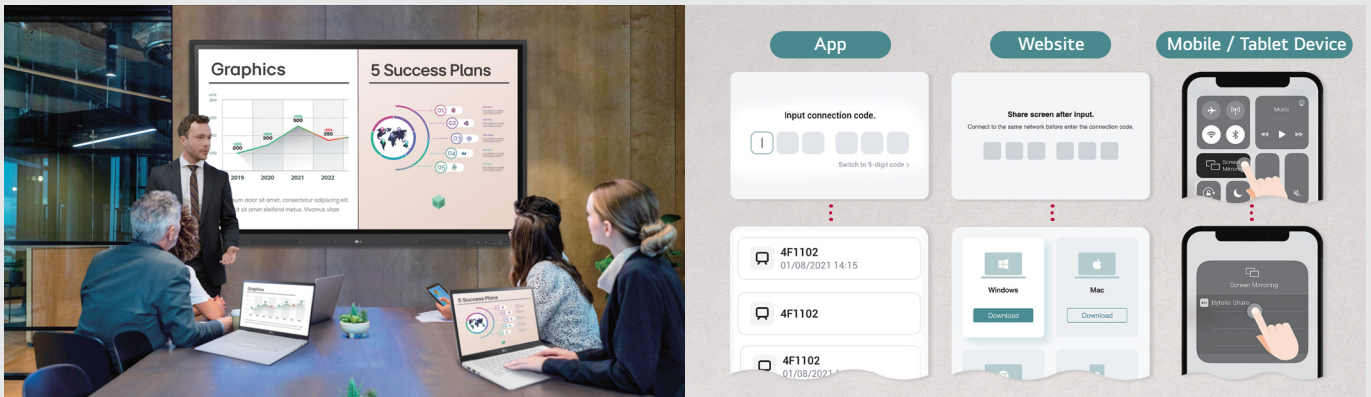
When you need a reference during a discussion, you can access various information in real time with the simple click of a web browser. The necessary information found on the internet can be easily dragged and dropped into the material you're creating, enhancing the productivity of your meetings.



Attention Effect

By simply double-tapping the LG CreateBoard screen with 4-5 fingers, an attention sign will pop up with a sound. This feature makes it easy to capture the participants' attention during moments when you need them to focus.

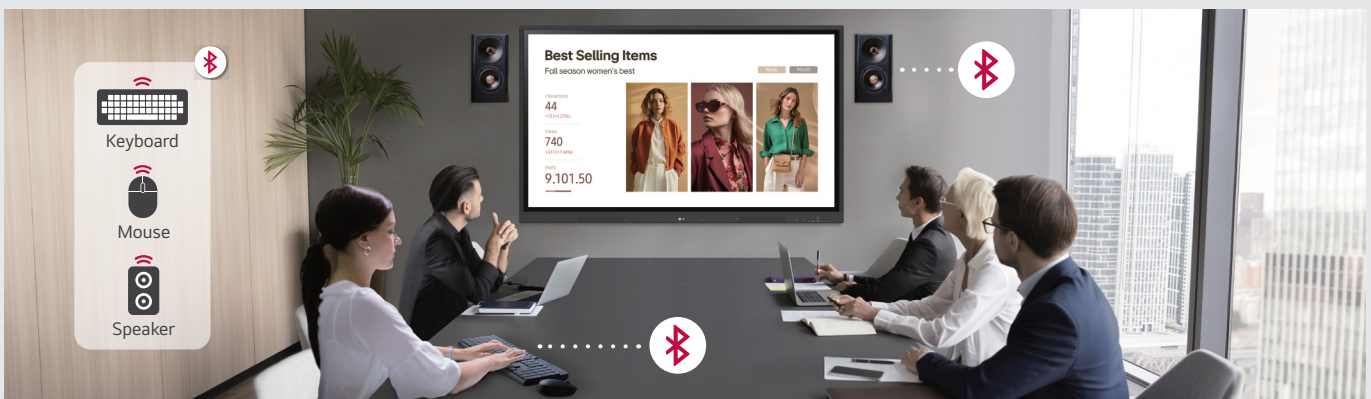
EASY CONNECTION & SHARING



Wireless ScreenShare

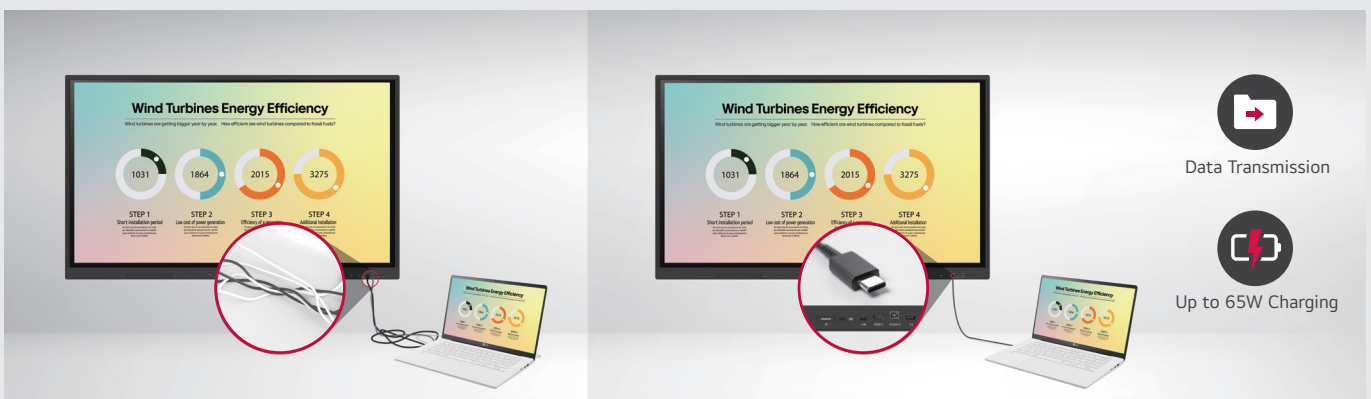
LG CreateBoard Share enables users to show up to 9 shared screens or a file on a screen in real-time when the LG CreateBoard Share app is installed on the device. Presenters can flip through PPTs remotely and conveniently send photos/videos stored on their device for smoother presentations.

- * LG CreateBoard also supports app-less sharing for PC (via website) and mobile devices within the same network.
- * For a more stable connection, we recommend the installation of a dedicated app (LG CreateBoard Share).



Bluetooth Connectivity

LG CreateBoard supports wireless Bluetooth connections to various devices such as a speaker, mouse, keyboard, etc. This is optimal for building a hybrid environment so that online and offline meetings can proceed smoothly.



C-type Connection

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

- * USB Type-C cables are sold separately.

REMOTE MANAGEMENT SOLUTION



LG ConnectedCare DMS

LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of LG CreateBoard installed in educational environments. 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.

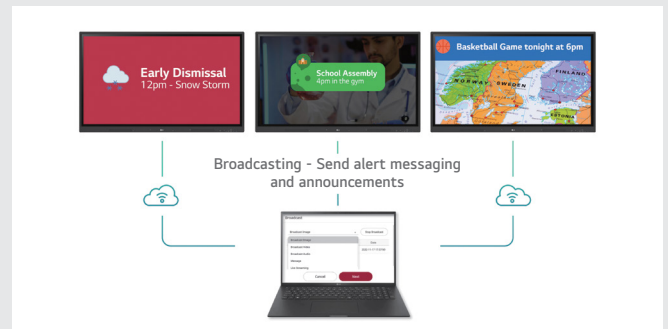
* The availability of the 'LG ConnectedCare DMS' service differs by region, so please contact the LG sales representative in your region for more details.

* LG ConnectedCare DMS supports the TR3 Series as of now (plus more to come) under a cloud environment.



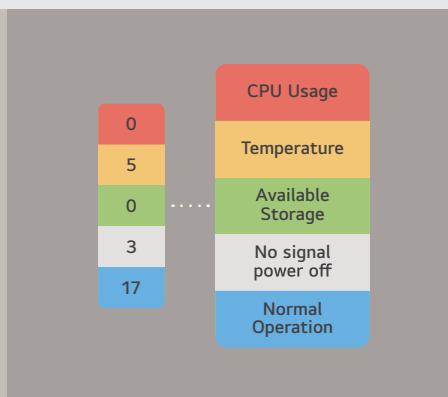
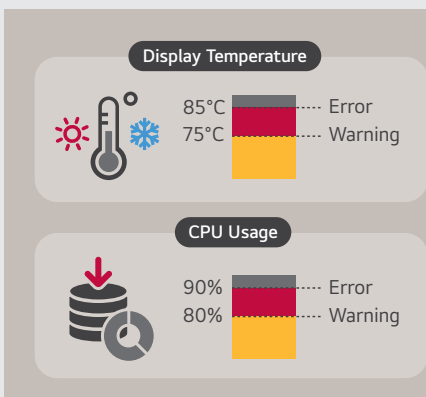
Remote-control / Scheduling

Messages and a range of other content can be sent from the main



Broadcasting / Alert Messaging

Messages and a range of other content can be sent from the main system to individual devices connected to LG ConnectedCare DMS. In case of urgent occasions such as a fire or a natural disaster, alert messages can be distributed manually across the system, which help people promptly take safety action.



Threshold Settings

Users can set thresholds in eight categories including display temperature, memory usage, or signal, and can receive warning or error notifications based on their threshold settings.

Monitoring & Fault Diagnosis

An engineer can check the status in real-time and diagnose problems remotely. Also, the current status of issues can be categorized, allowing for easy viewing and quick responses.

Issue Management

Remote issue management can be carried out by the LG ConnectedCare DMS solution. This makes management safer and more efficient, facilitating the stable operation of the devices.

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GOOGLE CERTIFICATION



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.

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SECURITY FUNCTION



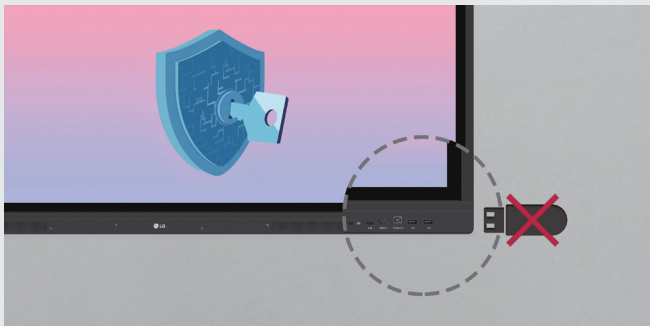
Screen Lock

Users can lock the screen using the Screen Lock function, and unlock it by entering a password. Users can set the Screen Lock in the Settings menu to protect the device from unidentified users.



Secure Mode

LG CreateBoard supports Secure Mode that disables the LG CreateBoard Share function to prevent unauthorized content from being shown on various devices.



USB Lock Mode

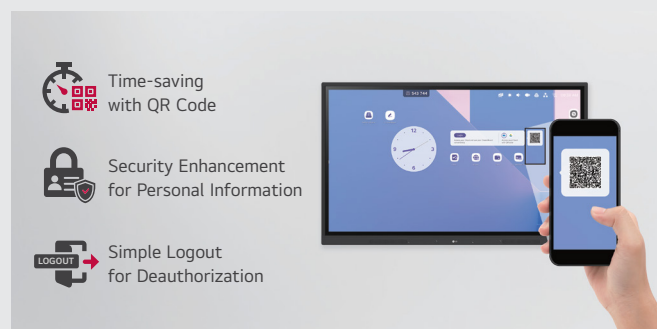
USB Lock Mode is a security measure that helps prevent data from being copied to unauthorized devices, which is essential when being used in spaces where security is critical.



Auto-remove Files

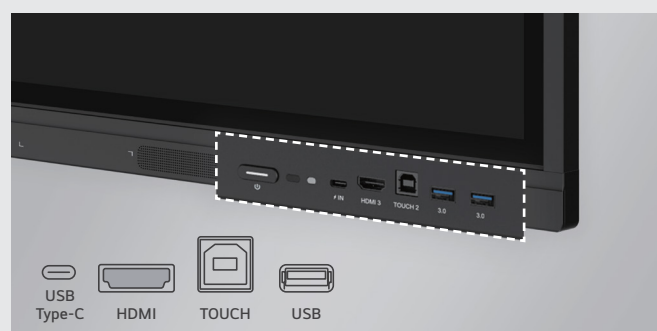
Users can set LG CreateBoard to delete files regularly for enhanced security.

OTHER FEATURES



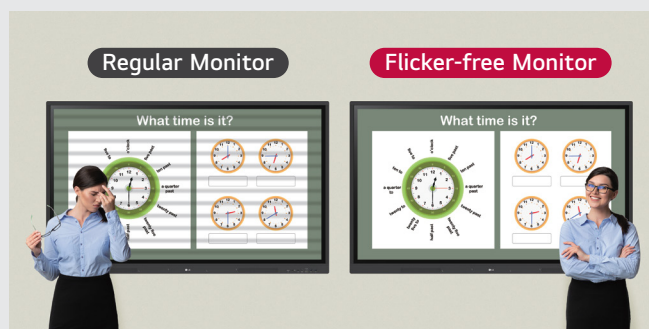
QR Login for Easy Cloud Access

The QR code on the home screen reduces preparation time for meetings by enabling personal device verification. Users can sign up for a variety of apps on the LG CreateBoard including Google Drive and OneDrive with just one QR verification without any additional login process. Once a lesson is finished, users can simply click the Logout button to disconnect, thus the risk of a personal information leak is reduced.



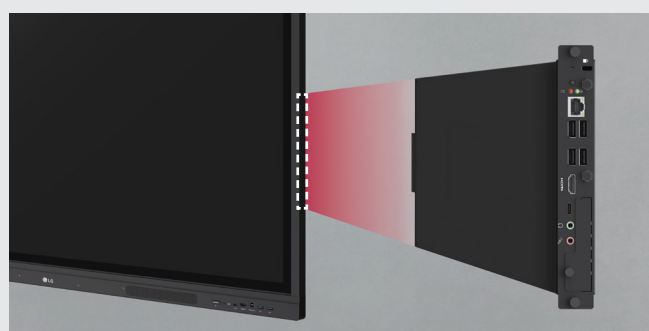
Front Connectivity Design

LG CreateBoard features front display ports and speakers enabling content to be delivered easier with more immersive sound.



Advanced Eye-Care

LG CreateBoard has introduced a flicker-free function. With the reduced flickering of the monitor's backlight, users can use the device with more comfort even when using it for a long time.



Built-in OPS Slot

LG CreateBoard supports OPS slots, allowing you to easily and conveniently mount OPS desktop at the back of the LG CreateBoard without the hassle of connecting to an external desktop, offering you more expanded functions.

* OPS : Open Pluggable Specification



Smart Viewing

With Smart Viewing function, two or more materials can be displayed on the same screen simultaneously without having to repeat Alt-tab.

* Multi window mode may not work for some apps.
* PIP mode is available for the external source screen.



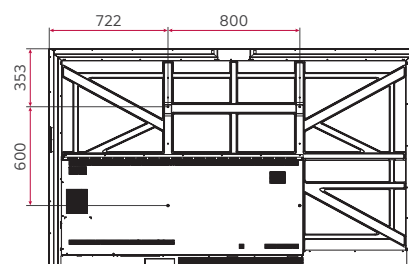
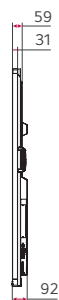
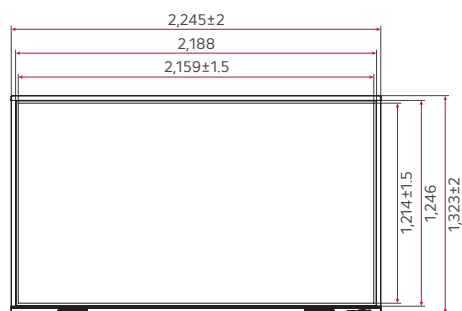
Power Saving

When a device doesn't receive an external input signal for a specific amount of time set by the user, the device goes into standby mode. Devices can also be automatically turned on or off at specific time or day set by the user, which contributes to save energy.

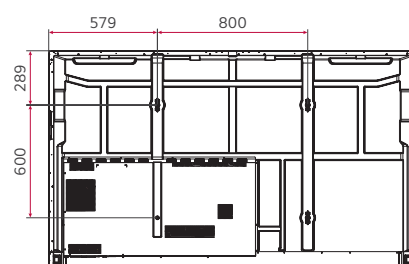
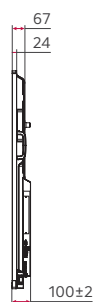
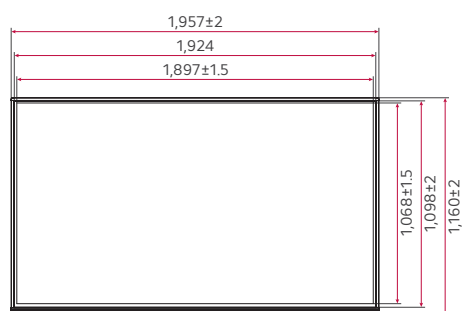
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DIMENSION (unit: mm)

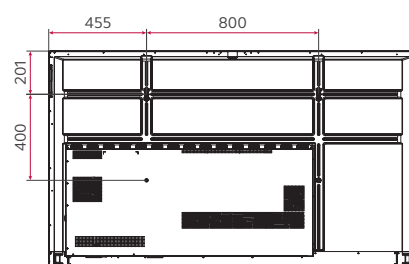
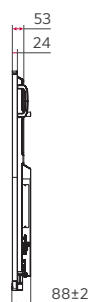
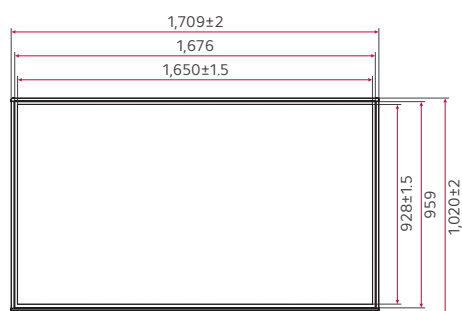
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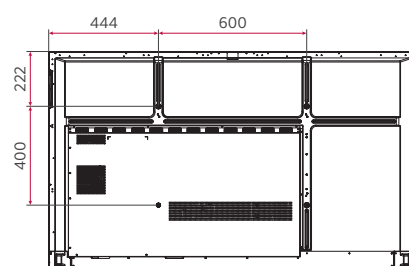
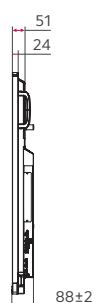
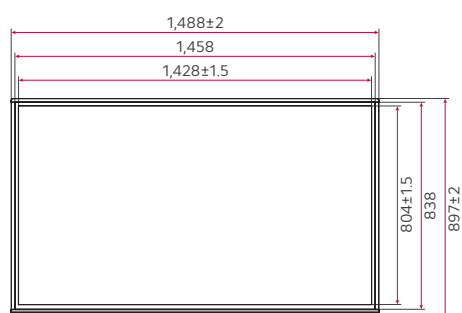
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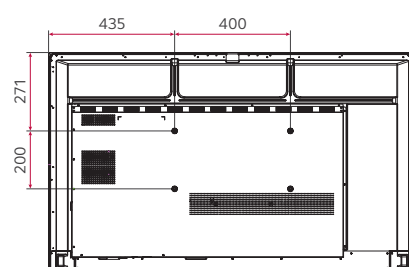
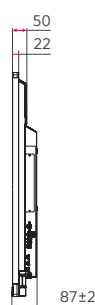
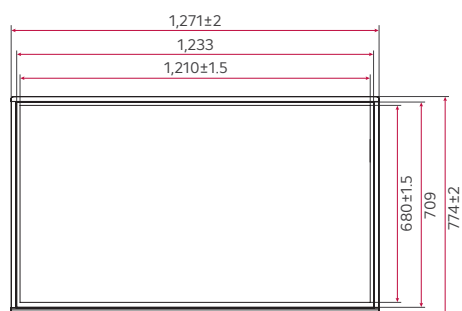
75



65



55



SPECIFICATION

Model Name			98TR3DK-I	86TR3DK-I	75TR3DK-I	65TR3DK-I	55TR3DK-I	
Panel	Screen Size		248.92 cm (98)	218.44 cm (86)	190.5 cm (75)	165.1 cm (65)	139.7 cm (55)	
	Panel Technology		IPS					
	Back Light Type		Direct					
	Aspect Ratio		16:9					
	Native Resolution		3840 x 2160 (UHD)					
	Refresh Rate		60 Hz					
	Brightness		440 nits					
	Contrast Ratio		1200:1					
	Color gamut		NTSC 72%	NTSC 68%	NTSC 72%			
	Viewing Angle (H x V)		178° (H/V)					
	Color Depth		1.07B (10bit)					
	Response Time		8ms					
Surface Treatment (Haze)		Haze 25%	Haze 28%	Haze 25%				
Operation Hours (Hours/Day)		16 / 7						
Connectivity (Jack Interface)	Input	Digital	HDMI (3) HDCP2.2					
		Analog	Yes (1, VGA)					
		Audio In	Yes (1)					
		RS232C IN	Yes (1)					
		RJ45 (LAN)	Yes (1)					
	Output	USB	USB3.0 Type A (4), USB2.0 Type A (1), USB Type-C (1, USB-PD, DP-Alt)					
		Display Out	HDMI Out (1)					
		Audio Out	(1, Optical 1 (SPDIF)					
		Touch USB 2.0	Yes (2)					
RJ45(LAN)		Yes (1)						
Mechanical Specification	Bezel Color		Black					
	Bezel Width		T/R/L/B : 30/27/27/45 mm	T/R/L/B : 15/15/15/44 mm	T/R/L/B : 15/15/15/44 mm	T/R/L/B : 15/15/15/44 mm	T/R/L/B : 18/18/18/45 mm	
	Weight (Head)		103.6 Kg	58.6 Kg	47.3 Kg	35.0 Kg	26.1 Kg	
	Packed Weight		126.5 Kg	75.9 Kg	60.6 Kg	44.7 Kg	34.5 Kg	
	Monitor Dimension (W x H x D)		2244 x 1323 x 91 mm	1957 x 1160 x 100 mm	1709 x 1020 x 88 mm	1488.4 x 896.6 x 87.2 mm	1271 x 774 x 87 mm	
	Carton Dimensions (W x H x D) (Box outer size)		2406 x 280 x 1474 mm	2110 x 1283 x 225 mm	1863 x 1140 x 225 mm	1628 x 1005 x 208 mm	1401 x 859 x 220 mm	
	Handle		Yes					
VESA™ Standard Mount Interface		800 x 600 mm			600 x 400 mm	400 x 200 mm		
Key Feature	HW	Wi-Fi	Built-in		Slot type			
		Sensor	Auto Brightness sensor		Yes			
		Power Indicator		Yes				
		Operating System		Android (13 EDLA)				
	SW	Background Image	Bootling Logo Image		Yes			
		Multi-screen	PIP	Yes (1 external source)				
			PBP	Yes (1 external source)				
		Screen Share		LG CreateBoard Share				
		Power	Smart Energy Saving		Energy Saving			
Wake on LAN			Yes					
Environment Conditions		Operation Temperature		0 ~ 40 °C				
		Operation Humidity		10 ~ 90 % RH				
Power	Power Supply		100-240V~ 50/60 Hz					
	Power Type		Built-In Power					
Power Consumption	Typ.		460 W	385 W	225 W	220 W	170 W	
	Max.		630 W	580 W	430 W	420 W	395 W	
	BTU (British Thermal Unit)		1348 BTU/Hr(Typ.), 2081 BTU/Hr(Max)	1314 BTU/Hr(Typ.), 1979 BTU/Hr(Max)	768 BTU/Hr(Typ.), 1467 BTU/Hr(Max)	751 BTU/Hr(Typ.), 1433 BTU/Hr(Max)	580 BTU/Hr(Typ.), 1348 BTU/Hr(Max)	
	DPM		≤0.5 W					
	Power off		≤0.5 W					
Sound	Speaker		15 W x 2					
Certification	Safety		CB / NRTL					
	EMC		FCC Class "A" / CE / KC					
OPS Compatibility		OPS type compatible		Slot type				
		OPS Power built in		Yes				
Software Compatibility		LG ConnectedCare		Yes				
		LG ConnectedCare DMS		DMS (Paid License)				
Language	OSD		English, Denmark, Finnish, German, Korean, Norwegian, Polski, Portugues(Europe), Portugues(Brazil), Romanian, Spanish, Swedish, Hungarian, Thai					
Accessory	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, Remote Controller(include battery 2ea), Wifi module					
Touch	Reponse Time		≤5 ms					
	Accuracy		±1 mm					
	Interface		USB 2.0					
	Protection Glass Thickness		Toughened glass with 9H level 7 Mohs standard					
	Operating System Support		Windows 7/8/10/Linux/Mac/Android (Linux/Mac Support one point touch)					
Android System	Multi touch point		Max 40 points					
	SoC		Quad core A55					
	GPU		Mali G52MP2					
	Internal Memory	Storage	64 GB					
		RAM	8 GB					
	Wi-Fi		802.11a/b/g/n/ac/ax (WiFi 6)					
LAN		Gigabit LAN						
Bluetooth		Bluetooth 5.0						

Creative Visualization

*Product suffix codes may vary as per production batch.

*Product images shown are for representative purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.



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