Power Up Collaboration

LG | Business Solutions

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

TR3DK series

A Better Workspace with:

LG CreateBoard® Gen 2 with Google Play

G Google Mobile Services Authorized

Built-In Collaboration Software

Easy Connection & Sharing

Genuine Touch & Writing Experience

Security & Compatibility

Remote-control Services

CreateBoard Series (TR3DK)

|		
Display	Inch	98" / 86" / 75" / 65" / 55"
	Native Resolution	3,840 × 2,160 (UHD)
	Brightness (Typ.)	390 nits (98" w/o glass) 350 nits (86"-55" w/ glass)
Touch	Multi-Touch Point	20 Points (98"), 40 points (86"-55")
Connectivity	Input	HDMI (x3, HDCP2.2), RGB (VGA), Audio (3.5mm), RS-232C, RJ45(LAN), USB 3.0 Type A(x4), USB2.0 Type A, USB Type-C (USB-PD, DP-Alt)
	Output	HDMI, Audio Out (Optical 1(SPDIF)), Touch USB (x2), RJ45 (LAN)

READY TO CREATE

CreateBoard Lab Whiteboarding Software

With LG CreateBoard's intuitive interface and robust set of features, teams can brainstorm, ideate, and communicate ideas more effectively in real-time. By facilitating seamless collaboration and information sharing, LG CreateBoard enables teams to work together more efficiently, helping in increased productivity and better outcomes for business.

Google Mobile Services with Google Play

LG CreateBoard is Google Mobile Services Authorized and powered with Android™ 13. You have official access to Google Play™ store out of the box. A local installation for your apps means you do not need to plug in a laptop, or use your browser to get started working. Use Google tools like Docs, Sheets and Slides with a simple sign-on. Remain secure with Google Play Protect Service – always on the lookout for suspicious behavior. Android 13 let's you customize your apps by color, theme and language.

Ruler   Shape   Table

Mind map   Sticky-Notes   . . .
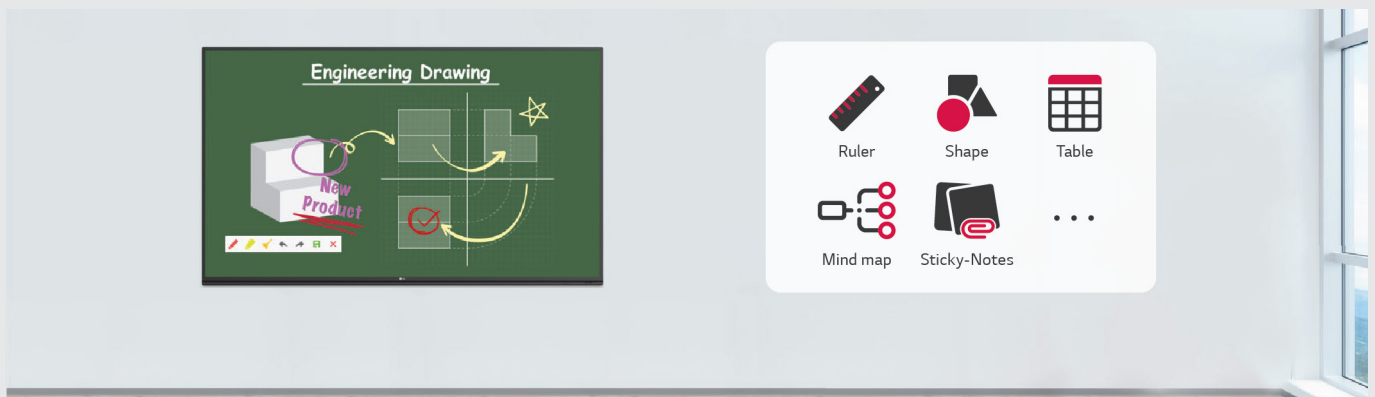
Precise Touch

LG CreateBoard can simultaneously detect up to 40 points* for multi-touch functionality. This creates a lifelike touch experience, helping participants easily become accustomed and truly engage in meetings. CreateBoard was designed to facilitate the organic engagement of audiences.

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

USB Type-C   HDMI   TOUCH   USB
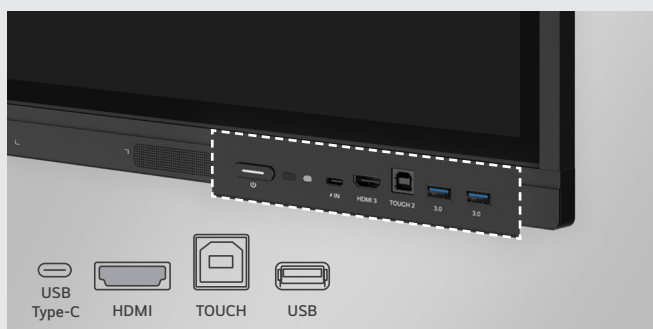
Front Connectivity Design

Front connections allow easy access to connect and disconnect cables and other devices without having to reach around to the back of the display. This saves time and effort, making it easier to set up and adjust the display, even with USB-C connected BYOD (Bring Your Own Device).
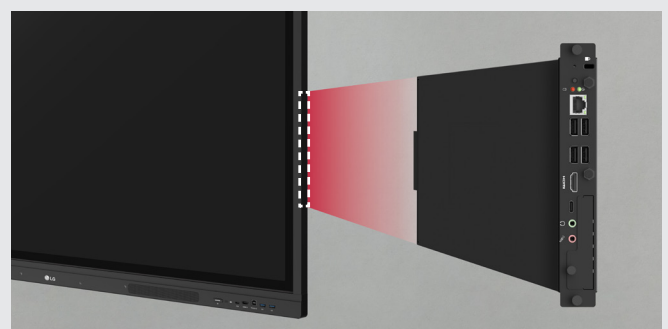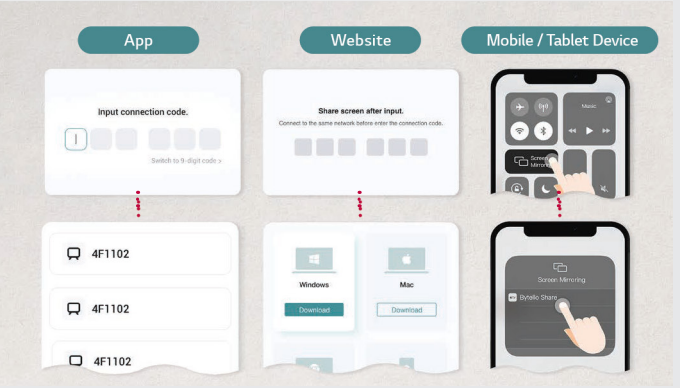
Built-in OPS Slot

The built-in OPS slot supports pluggable devices that allow a range of collaboration tools that can help students and teachers work together more effectively.

* OPS (Open Pluggable Specification) is an optional purchase

READY TO SHARE

CreateBoard Share Wireless Casting Solution

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. *Also, files from the host can be easily sent to any devices connected to the LG CreateBoard Share app, and several quick controls by the host are available.

* 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).
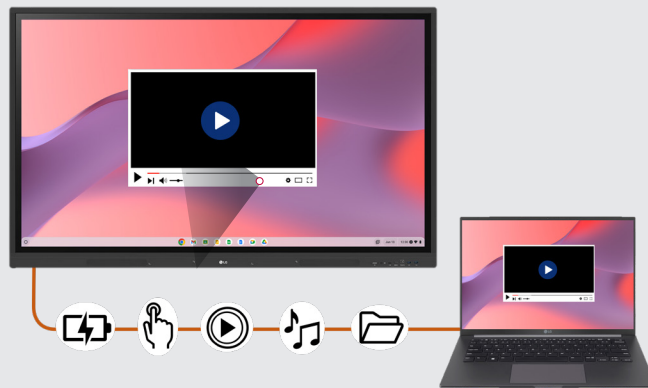

Easy Connection with USB Type-C

USB-C connectivity simplifies connections which enables charging, video, audio, touch and data transmission with just one cable.*

* USB Type-C cables are sold separately.
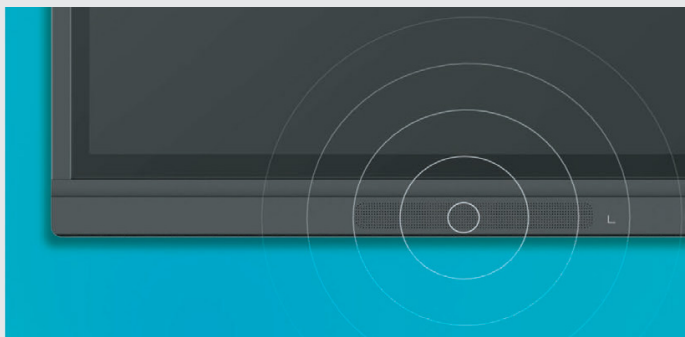
Amazing Sound

A pair of powerful high clarity speakers help promoting collaboration and improving communication in meetings. By delivering dynamic presentations and enabling seamless information sharing.
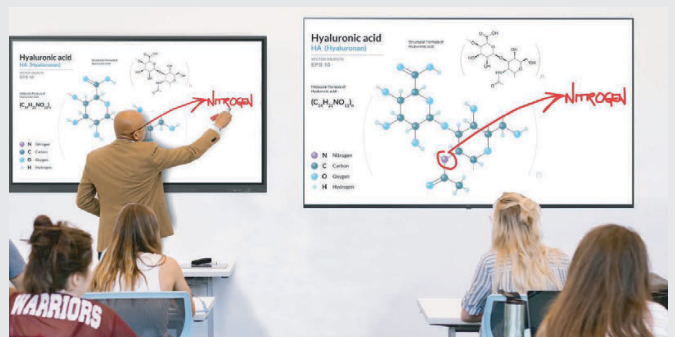
HDMI-out

Displaying content on a larger screen: An interactive display in a meeting room is a great tool for sharing content with audiences. However, sometimes the display itself might not be large enough for everyone in the space to see clearly. In this case, an HDMI-out port allows the presenter to connect the display to a larger screen, such as a projector or a TV. This ensures that everyone in the room can see the content clearly and comfortably.

READY TO MANAGE

LG ConnectedCare DMS

LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of LG CreateBoard installed in any environment. This feature enables IT managers to operate and manage important resources on operating devices without physically visiting sites. ConnectedCare DMS now supports Common Alerting Protocol based security systems.
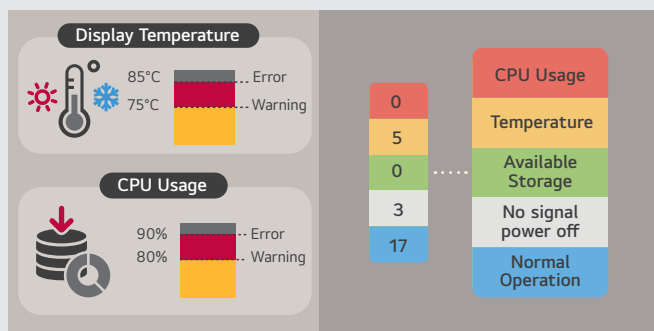

Threshold Settings

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.
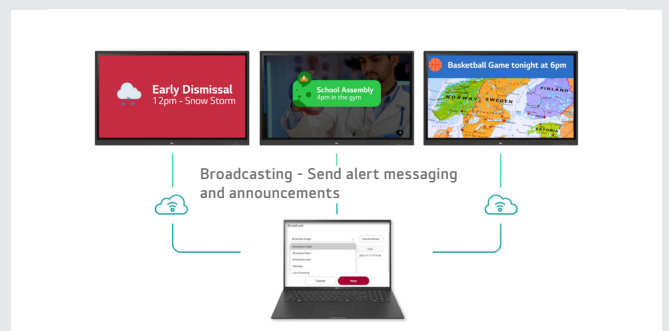
Alert Message & Broadcasting

LG ConnectedCare allows the organization to send alerts, messages, videos, or live streams to the display. When the alert message is sent out to the device, LG CreateBoard interrupts the current display shows the alert information.

App Management

Access the ConnectedCare DMS software remotely via the web-based dashboard at any time to monitor device health, troubleshoot issues, make system updates, and more.

Remote Scheduling & Control

Frequently used controls such as the power on/off, scheduling, brightness, and screen lock functions can be applied remotely. Content including images, videos, audio messages, or live streaming can be remotely shared with connected devices.

OTHER FEATURES

Multiple Window Mode	Picture-in-picture Mode

Regular Monitor	Reduced Flicker Monitor

Smart Viewing

The Smart Viewing feature of LG CreateBoard enables efficient meetings. Two or more materials can be displayed on the same screen simultaneously without having to repeat Alt-tab, making teaching more convenient and efficient. Two materials can be displayed side-by-side (multi window mode), or one material can be overlaid on the other one (picture-in-picture mode).*

* Multi window mode may not work for some apps, and picture-in-picture mode is available for the external source screen.
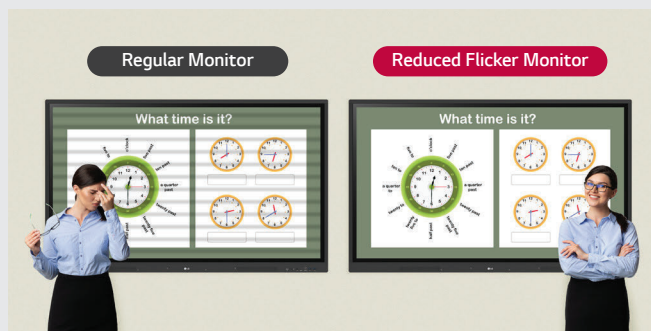
Viewing Comfort

LG CreateBoard has introduced a reduced flicker 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.

MOUNTING OPTIONS

ST-860F Slim Cart

With a sleek design, the ST-860F Slim Cart allows stable mobility for your CreateBoard while minimizing the overall physical footprint.
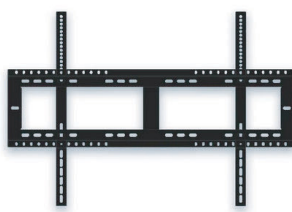
Universal Wall Mount

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

Mounting Cart with Storage

LG offers a sturdy mobile cart with shelves, allowing you to more easily transport the display and some peripherals between various rooms.
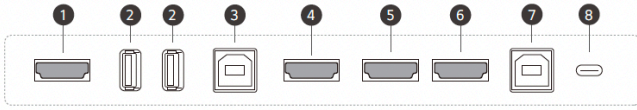
Your Meeting Room, Your Choice

Windows

LG   zoom   Teams   Office 365   intel   Microsoft Whiteboard

SPECIFICATIONS

		98TR3DK-B.MUSQ	86TR3DK-B.YUSQ	75TR3DK-B.MUSQ	65TR3DK-B.MUSQ	55TR3DK-B.MUSQ
DISPLAY	Screen Size	98"	86"	75"	65"	55"
	Panel Technology	IPS				
	Resolution	16:9 3840x2160 (4K UHD)				
	Refresh Rate	60Hz				
	Brightness (Typ. / Max)	390 nits / 490 nits	350 nits / 400 nits			
	Contrast Ratio	1200:1 (static), 5000:1 (Dynamic)				
	Viewing Angle (H x V)	178°x 178°				
	Response Time	8ms				
	Operation Hours (Hours/Day)	16/7				
	Touch Points	40 Point Max Multi-Touch (40 Point Max for Windows, 32 Point Max for Andorid)				
	Touch Technology	Infrared				
HARDWARE	OS	Android 13				
	CPU	Quad Core A55				
	GPU	Mali G52MP2				
	Storage	64GB				
	RAM	8GB				
	OPS (Open Pluggable Specification)	Yes, Optional				
	Speakers	Stereo 15W x 2 Forward-Facing				
CONNECTIVITY	Input	HDMI (x3), VGA (x1), Audio-in (x1), RS232X (x1), RJ45 (x1), USB 3.0 (x4), USB 2.0 (x1), USB Type-C with PD (x1)				
	Output	HDMI-out (x1), Audio-out (x1), SPDIF (x1), Touch USB (x2), RJ45 (x1)				
	Wireless	802.11a/b/g/n/ac/ax (WiFi 6)				
	Bluetooth	5.0				
	Ethernet	Gigabit LAN				
BUILT-IN SOFTWARE	Collaboration	LG CreateBoard Lab, Note 2.0				
	Casting	LG Createboard Share				
	Management	LG ConnectedCare DMS				
	Productivity	OfficeSuite				
MECHANICAL	Weight (Net)	228.4 lbs. / 103.6 kg	129.2 lbs. / 58.6 kg	104.3 lbs. / 47.3 kg	77.2 lbs. / 35.0 kg	57.6 lbs. / 26.1 kg
	Weight (Package)	278.9 lbs. / 126.5 kg	167.3 lbs. / 75.9 kg	133.6 lbs. / 60.6 kg	98.6 lbs. / 44.7 kg	76.1 lbs. / 34.5 kg
	Dimension (WxHxD) (Net)	88.4 x 52.1 x 3.5 in 2244.7 x 1323.2 x 89.5 mm	77.0 x 45.7 x 3.9 in 1957 x 1160 x 100 mm	67.3 x 40.2 x 3.5 in 1709 × 1020 × 88 mm	58.6 x 35.3 x 3.5 in 1489 × 897 × 88 mm	50.0 x 30.5 x 3.4 in 1271 × 774 × 87 mm
	Dimesions (WxHxD) (Paclage)	94.7 x 11.0 x 58.0 in 2406 x 280 x 1474 mm	83.1 x 50.5 x 8.9 in 2110 × 1283 × 225 mm	73.4 x 44.9 x 8.9 in 1863 × 1140 × 225 mm	64.1 x 39.6 x 8.2 in 1628 × 1005 × 208 mm	55.2 x 33.8 x 8.7 in 1401 × 859 x 220 mm
	VESA™ Mount Compaitble	800 x 600		800 x 400	600 x 400	400 x 200
ENVIRONMENT	Operation Temperature	32°F to 104°F 0°C to 40°C				
	Operation Humidity	10% to 90% RH				
ELECTRICAL	Power Supply	100-240Vac, 50/60Hz, 5.5A				
	Typical Power Consumption	460 W	385 W	225 W	220 W	170 W
	Max Power Consumption	630 W	580 W	430 W	420 W	395 W
	Standby Power Consumption	≤0.5 W				
REGULATORY & OTHER	FCC	Class "A"				
	CE	Yes				
	Energy Star	Yes				
	Warranty	3 Year Limited				

CONNECTIVITY

TR3PJ (98")

Side

Bottom

1 HDMI OUT	4 HDMI 1	7 TOUCH 2	10 USB 2.0	13 LAN	16 SWITCH
2 USB 3.0	5 HDMI 2	8 USB Type-C	11 VGA	14 RS232	17 POWER
3 TOUCH 1	6 HDMI 3	9 SPDIF	12 AUDIO IN	15 AUDIO OUT	
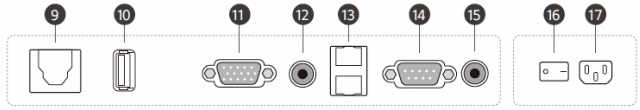
TR3DK (86"-55")

Front
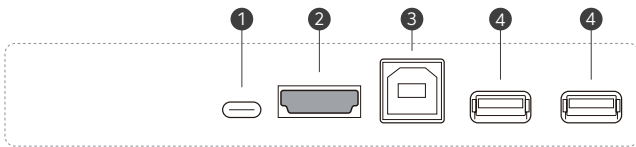
Bottom

Side
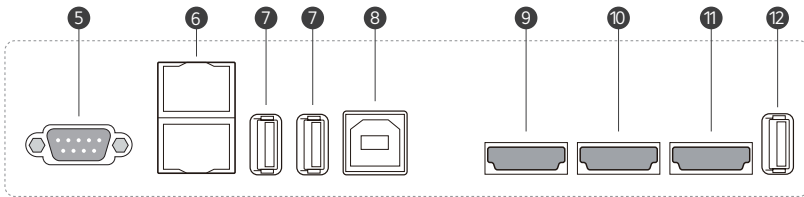
1 USB Type-C	7 USB 3.0	13 SPDIF
2 HDMI 3	8 TOUCH 1	14 AUDIO OUT
3 TOUCH 2	9 HDMI 1	15 AUDIO IN
4 USB 3.0	10 HDMI 2	16 VGA
5 RS-232C	11 HDMI OUT	17 SWITCH
6 LAN	12 USB 2.0	18 POWER

* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

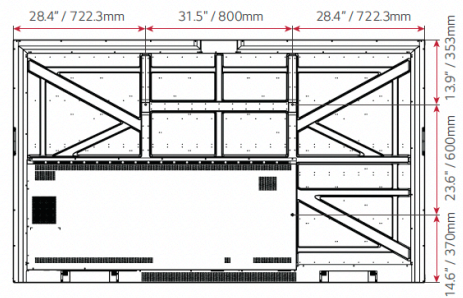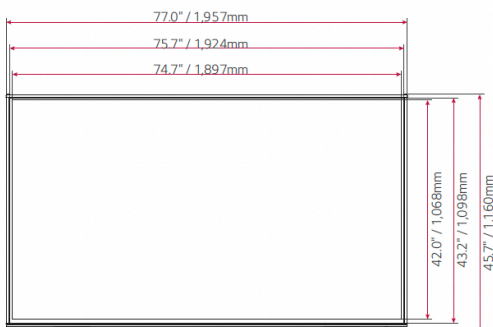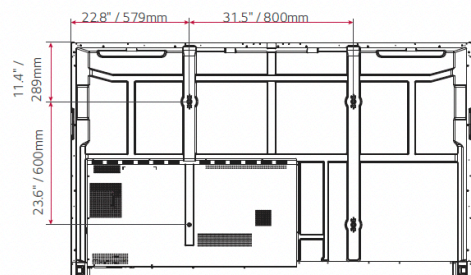# DIMENSIONS

98"
88.4" / 2,244.7mm
52.1" / 1,323.1mm
1.9" / 48.7mm
3.5" / 89.5mm
28.4" / 722.3mm
31.5" / 800mm
28.4" / 722.3mm
13.9" / 353mm
14.6" / 370mm
23.6" / 600mm

86"
77.0" / 1,957mm
75.7" / 1,924mm
74.7" / 1,897mm
42.0" / 1,068mm
43.2" / 1,098mm
45.7" / 1,160mm
2.6" / 67mm
0.9" / 24mm
3.9" / 100mm
22.8" / 579mm
31.5" / 800mm
11.4" / 289mm
23.6" / 600mm

DIMENSION

75"

67.3" / 1,709mm
66.0" / 1,676mm
65.0" / 1,650 mm

2.1" / 53mm
0.9" / 24mm

17.8" / 455mm
31.5" / 800mm

7.9" / 201mm
15.7" / 400mm

3.5" / 88mm

36.5" / 928mm
37.8" / 959mm
40.2" / 1,020mm

65"

58.6" / 1,488mm
57.4" / 1,458mm
56.2" / 1,428mm

2.0" / 51mm
0.9" / 24mm

17.5" / 444mm
23.6" / 600mm

8.7" / 222mm
15.7" / 400mm

3.5" / 88mm

31.7" / 804mm
33.0" / 838mm
35.3" / 897mm

55"

50.0" / 1,271mm
48.5" / 1,233mm
47.6" / 1,210mm

2.0" / 50mm
0.9" / 22mm

17.1" / 435mm
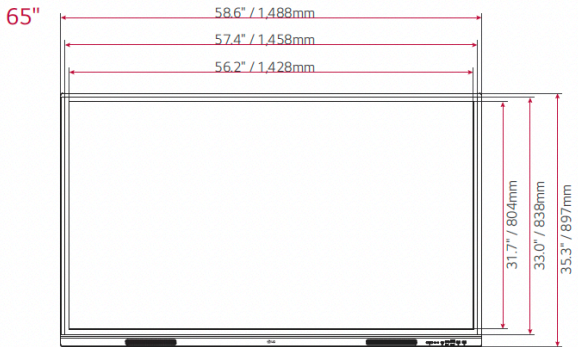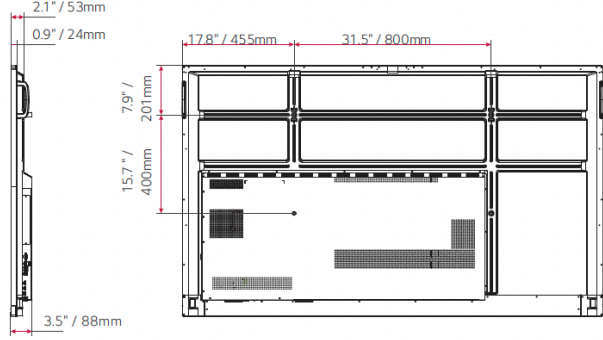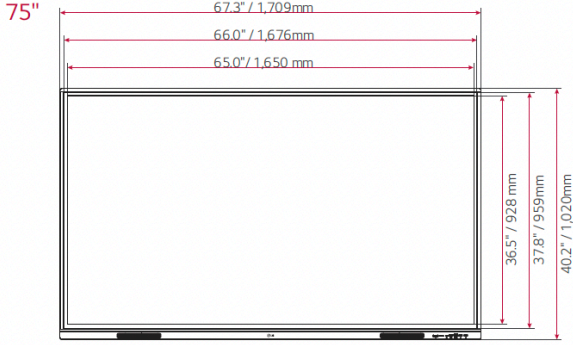15.7" / 400mm

10.7" / 271mm
7.9" / 200mm

3.4" / 87mm

26.8" / 680mm
27.9" / 709mm
30.5" / 774mm

* Dimensions may differ from the above image, so please contact LG sales team to verify before ordering.

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