



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

Interactive Digital Board TR3DQ Series

LG CreateBoard®

Empower your team to effortlessly **create, manage, and share** with LG technology.



Google
EDLA



Security &
Compatibility



Microphone
Array



Remote-Control
Services



NFC



Built-in LG
Software Suite



TR3DQ

Display	Inch	86" / 75" / 65" / 55"
	Native Resolution	3,840 × 2,160 (UHD)
	Brightness (w/o Glass)	400 nit s(Typ.)
Touch	Multi-Touch Point	Max. 40 points
Software	OS Ver.	Android 14 (EDLA)
Connectivity	Input	HDMI (3), DP, RGB (VGA), Audio, RS-232C, RJ45 (LAN), USB Type-C (2), USB 3.0 Type-A (5), USB 2.0 Type-A
	Output	HDMI Out, Audio Out, Touch USB (3), RJ45 (LAN)



Why LG CreateBoard?

Experience seamless collaboration and intuitive control with the LG CreateBoard interactive display. Featuring a lifelike, multi-touch experience, this powerful smartboard lets you write, draw, and manipulate content with your fingertips. With effortless screen and content sharing, it is the ideal interactive whiteboard for effective presentations and collaborative projects. The integrated OPS slot supports ChromeOS™ or Windows OS, transforming your CreateBoard into a giant, high-performance touchscreen computer.



Google Certification

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

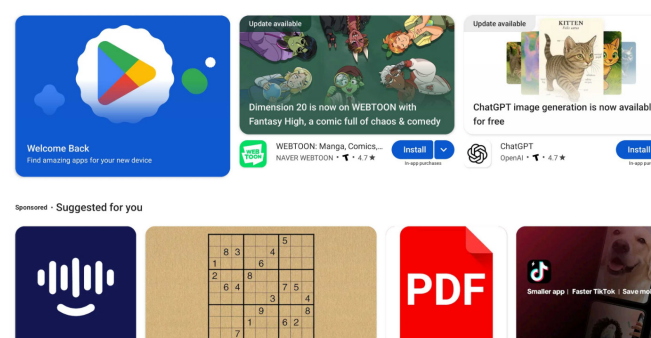
* Exceptions apply in countries without Google Services.



Precise Touch

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

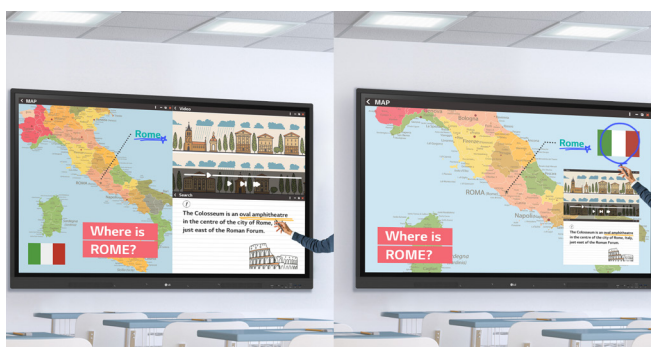
* A max of 40 points are detected in the Windows environment, a max of 32 points are recognized in the Android environment, and up to 10 points can be recognized in the writing app.



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.



Smart Viewing

The Smart Viewing feature of LG CreateBoard enables efficient teaching. 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.

Create, Share & Manage on the board and beyond.

LG CreateBoard Software Suite has been developed with our diverse user-base in mind. From classic whiteboarding tools to Device Management Software, Lesson Planning Software and more, we want to make sure you are getting use of your interactive flat panel as soon as you turn it on. In addition, we have partnered with brands equipped to help us create smart spaces and integrated environments powered by next-level technology. In other words, our combined solutions work in harmony to deliver an experience worthy of the phrase, "Life's good."

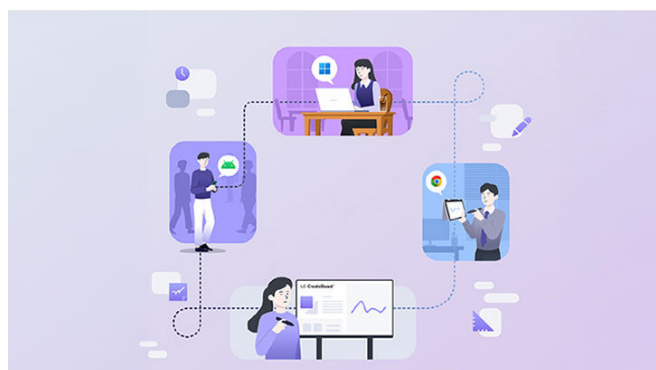


Create. Prep. Teach.

CreateBoard Prep Interactive Learning Software enables you to manage the classroom, increase student engagement, and build lessons efficiently—so you have time to teach again.

- Use from anywhere! Simply log into CreateBoard Prep from your device using any browser and get to work createboard.com/prep
- Log in to your everyday tools to import files One Note®, Google Classroom™, One Drive™, Google Drive™
- Tools for every subject plus classroom management, games, activities and more. Import videos from YouTube –they play in CreateBoard Prep without ads.
- Library of over 2000 ready-made lessons and tools for your LG CreateBoard. Slide-based design helps deliver information more effectively.

LG CreateBoard Lab™



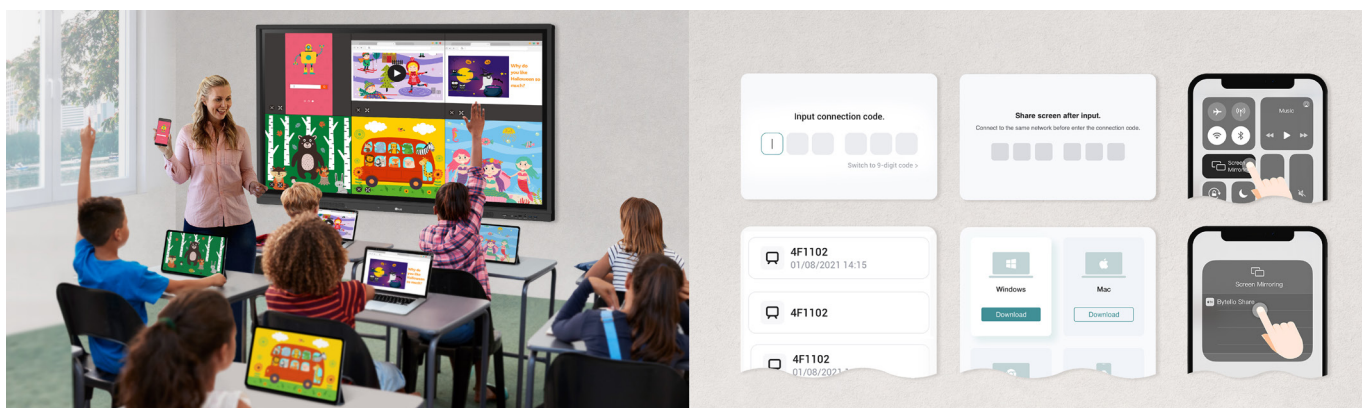
Redefine the Standard of Teamwork with LG's Collaboration Software

LG CreateBoard Lab is a collaboration software built around LG CreateBoard. It supports web apps and offers multi-OS support, allowing users to access it from various devices in addition to LG CreateBoards, anytime and anywhere. This provides users with a consistent experience and enables real-time collaboration with multiple people beyond spatial constraints.

LG CreateBoard Share

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.

- 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.
- 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.
- Quick file sharing with a QR code. Share finished collaborative work immediately using a QR code on screen.
- LG CreateBoard Share supports Secure Mode, which allows users to grant permissions for sharing. Secure Mode prevents unauthorized users from sharing their screen.



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 more stable connection, we recommend the installation of a dedicated app (LG CreateBoard Share).



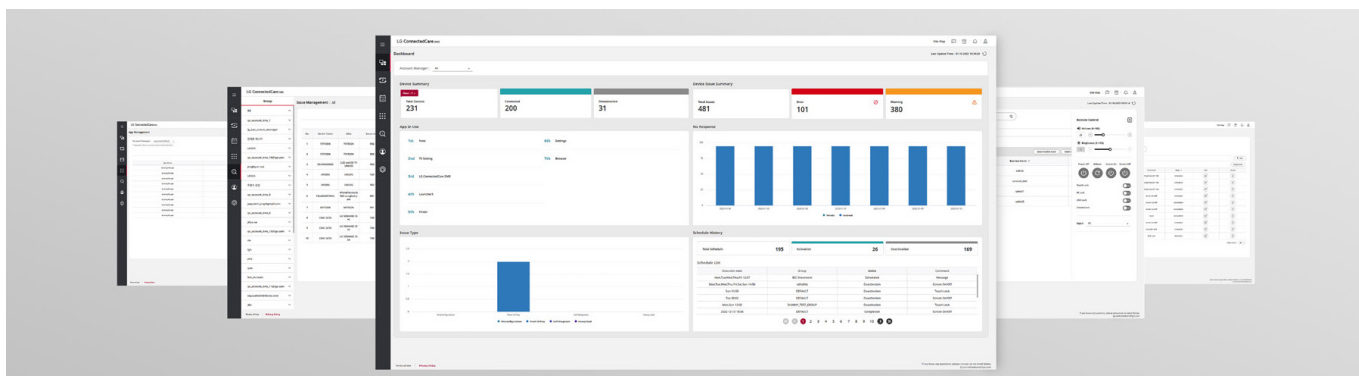
Easy Connection with USB Type-C

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.

HDMI-out

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



LG ConnectedCare DMS

LG ConnectedCare DMS is a cloud service solution for remotely managing the operating status of your interactive displays installed in your places.

- **MONITORING:** Real-time monitoring via an online dashboard. Issue detection with email alerts.
- **DEVICE CONTROL:** Centralized and remote control over display equipment and LG CreateBoard.
- **BROADCAST / ALERT MESSAGES:** Messages and a range of other content can be sent from the main systems hub to individual classroom devices. In case of urgent occasions, the main system can potentially interrupt the original content with an alert message.
- **DASHBOARD:** The LG ConnectedCare DMS dashboard allows you to view and monitor multiple devices at the same time, thereby saving time and boosting efficiency.



TSN Content Management

TSN Visual Communications Software is a full-featured, web-based communication software that's adaptable to your organization's infrastructure and needs. This solution is simple and easy to use from the first moment of set-up. Together LG and TSN offers various licensing and bundle options.*

* Subscription for services required

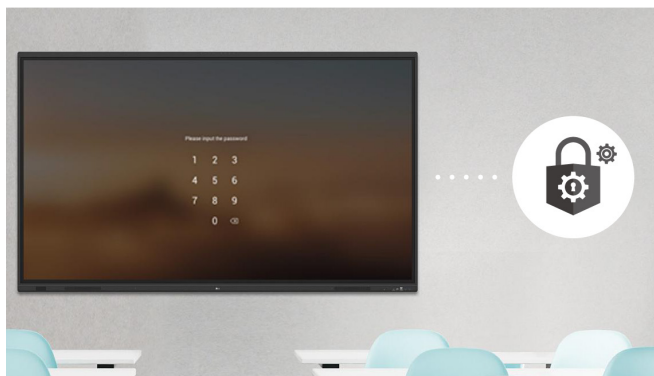
DisplayNote Launcher for Windows OPS

DisplayNote Launcher provides one touch access to your apps, video calls and calendars in all your meeting rooms. Ready access to the tools your users need. Set up each space with the apps, links, and tools teams rely on. No clutter or confusion. Just fast access to what matters. Launch personal meetings + content. When the room is free, users can scan a QR code to access their personal meetings and files via the display. Everything's even wiped when they disconnect, keeping privacy intact.

Quick access to cleanup. Quick access to tools like Device Cleanup, so users can clear sign-ins, browser history, and open apps in seconds. This keeps the room secure and ready for the next meeting.*

* Requires OPS device. License for this software is sold separately.





Secure Functions

- **Screen Lock-** Users can lock the screen using the Screen Lock function, and unlock it by entering a password. This protective measure can be set up in the Settings menu, safeguarding the device from unauthorized access.
- **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.



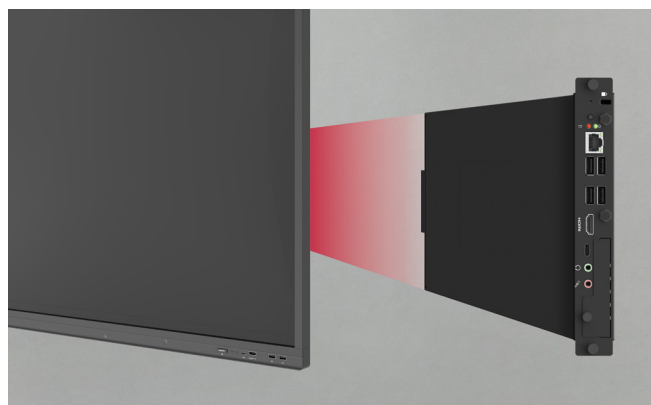
Microphone Array

CreateBoard is placed 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 microphone is sure to be an everyday feature.



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

LG CreateBoard supports OPS (Open Pluggable Specification) slots, allowing users to conveniently mount an 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.



The CreateBoard TR series supports Open Pluggable Specification (OPS) slot-in devices, allowing you to easily and conveniently mount an OPS device to the back of the display without the hassle of connecting to an external PC. Sign into your account for access to your custom settings, folders, apps and more. This hassle-free option is great for shared spaces.

Accessories

Explore your options of both LG Manufactured accessories as well as some curated products from our trusted partners. From standard mounts to mobilized carts that have multiple functions we have what you need for your interactive display panels.

* Accessories available at an additional cost, ask your LG rep for information.

Slot-In OPS Devices for Flexible OS Options



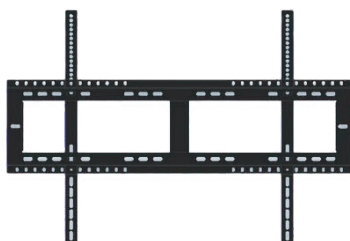
ChromeOS OPS

This official Chromebox OPS slot-in device is designed for seamless integration with an LG CreateBoard and simplifies deployment throughout schools, granting teachers and students easy access to their content.

Windows OS OPS

Crafted for optimal integration with an LG Createboard, this OPS slot-in PC offers a streamlined solution for seamlessly incorporating the Createboard within a Microsoft ecosystem.

Standard Mounts



Universal Wall Mount



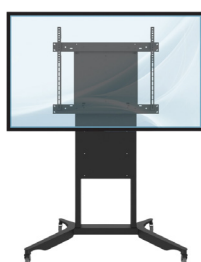
LG Slim Cart



Mobile Stand with Shelf



BalanceBox EZ-Fit Cart



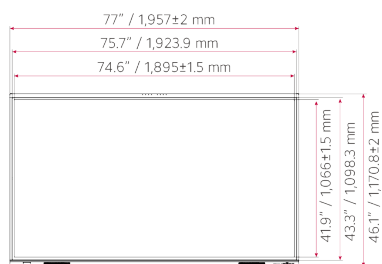
Mobile Stand Mix for
BalanceBox® 400 &
Manual Height Adjustable
Mount



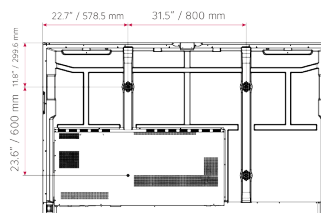
BalanceBox e-Box® Tilt &
Table

Dimensions

86"

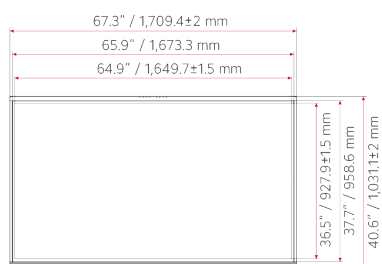


3.9" / 98.3±2 mm
0.9" / 23.6 mm

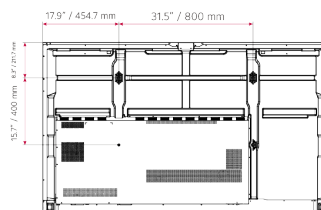


3.9" / 99.5±2 mm

75"

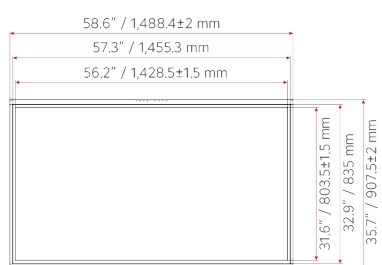


3.8" / 97.5±2 mm
0.9" / 23.6 mm

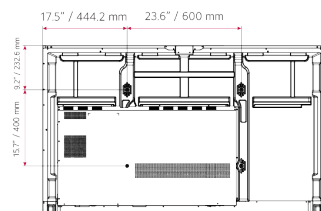


3.9" / 99.5±2 mm

65"

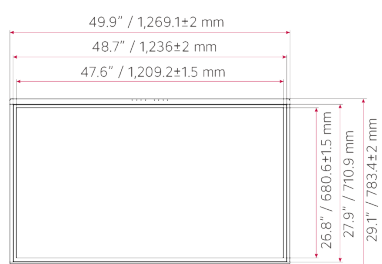


3.8" / 97.5±2 mm
0.9" / 23.5 mm

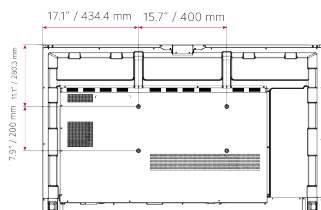


3.9" / 99.7±2 mm

55"



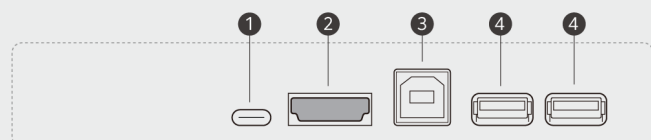
3.8" / 98.2±2 mm
0.9" / 23.5 mm



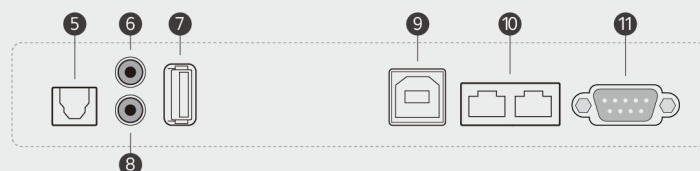
3.9" / 98.7±2 mm

Connectivity

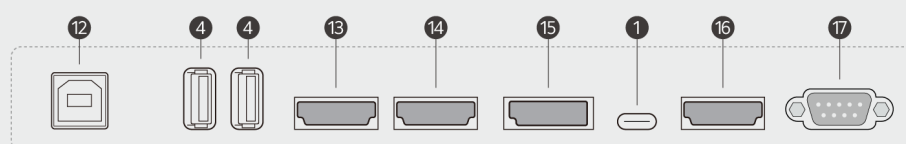
Front



Bottom



Side



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

SPECIFICATIONS

		86TR3DQ	75TR3DQ	65TR3DQ	55TR3DQ
DISPLAY	Screen Size	86"	75"	65"	55"
	Panel Technology	IPS	IPS	IPS	IPS
	Resolution	16:9 3840 x 2160 (4K UHD)	16:9 3840 x 2160 (4K UHD)	16:9 3840 x 2160 (4K UHD)	16:9 3840 x 2160 (4K UHD)
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	400 nits (typ.)	400 nits (typ.)	400 nits (typ.)	400 nits (typ.)
	Contrast Ratio	1200:1 (static), 5000:1 (dynamic)	1200:1 (static), 5000:1 (dynamic)	1200:1 (static), 5000:1 (dynamic)	1200:1 (static), 5000:1 (dynamic)
	Viewing Angle (H x V)	178° X 178°	178° X 178°	178° X 178°	178° X 178°
	Response Time	8 ms	8 ms	8 ms	8 ms
	Lifetime	Up to 50,000 Hrs	Up to 50,000 Hrs	Up to 50,000 Hrs	Up to 50,000 Hrs
	Touch Points	40 Point Max Multi-Touch (40 Point Max for Windows, 32 Point Max for Android)	40 Point Max Multi-Touch (40 Point Max for Windows, 32 Point Max for Android)	40 Point Max Multi-Touch (40 Point Max for Windows, 32 Point Max for Android)	40 Point Max Multi-Touch (40 Point Max for Windows, 32 Point Max for Android)
	Touch Technology	Infrared (IR)	Infrared (IR)	Infrared (IR)	Infrared (IR)
HARDWARE	OS	Android 14 EDLA	Android 14 EDLA	Android 14 EDLA	Android 14 EDLA
	CPU	Octa core 2.2Ghz	Octa core 2.2Ghz	Octa core 2.2Ghz	Octa core 2.2Ghz
	GPU	Mali G52MP2	Mali G52MP2	Mali G52MP2	Mali G52MP2
	Storage	64GB	64GB	64GB	64GB
	RAM	8GB	8GB	8GB	8GB
	Speakers	Stereo 20w x 2 Forward-Facing + Subwoofer	Stereo 20w x 2 Forward-Facing + Subwoofer	Stereo 20w x 2 Forward-Facing + Subwoofer	Stereo 20w x 2 Forward-Facing + Subwoofer
	Microphone	Mic Array (8ft range)	Mic Array (8ft range)	Mic Array (8ft range)	Mic Array (8ft range)
	NFC Reader	Yes	Yes	Yes	Yes
	Expansion	Optional OPS (Open Pluggable Specification)	Optional OPS (Open Pluggable Specification)	Optional OPS (Open Pluggable Specification)	Optional OPS (Open Pluggable Specification)
CONNECTIVITY	Input	HDMI-in x 3, DP-in x 1, VGA x 1, Audio-in x 1, RS232X x 1, RJ45 x 1 USB 3.0 x 5, USB 2.0 x 1, USB Type-C x 2			
	Output	HDMI-out x 1, Audio-outx 1, SPDIF x 1, Touch USB x 3, RJ45 x 1			
	Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6)	802.11a/b/g/n/ac/ax (Wi-Fi 6)	802.11a/b/g/n/ac/ax (Wi-Fi 6)	802.11a/b/g/n/ac/ax (Wi-Fi 6)
	Bluetooth	5.3	5.3	5.3	5.3
	Ethernet	Gigabit LAN	Gigabit LAN	Gigabit LAN	Gigabit LAN
BUILT-IN SOFTWARE	Collaboration	LG CreateBoard Prep, Note 2.0	LG CreateBoard Prep, Note 2.0	LG CreateBoard Prep, Note 2.0	LG CreateBoard Prep, Note 2.0
	Casting	LG CreateBoard Share	LG CreateBoard Share	LG CreateBoard Share	LG CreateBoard Share
	Management	LG ConnectedCare DMS	LG ConnectedCare DMS	LG ConnectedCare DMS	LG ConnectedCare DMS
	Other	TSN Content Management (additional license fee applies) DisplayNote (additional license fee applies)	TSN Content Management (additional license fee applies) DisplayNote (additional license fee applies)	TSN Content Management (additional license fee applies) DisplayNote (additional license fee applies)	TSN Content Management (additional license fee applies) DisplayNote (additional license fee applies)
MECHANICAL	Weight (Net)	129.2 lbs. / 58.6 kg	104.3 lbs. / 47.3 kg	77.2 lbs. / 35.1 kg	58.7 lbs. / 26.65 kg
	Weight (Package)	167.3 lbs. / 75.9 lbs.	133.6 lbs. / 60.6 kg	98.6 lbs. / 44.7 kg	69.6 lbs. / 31.55 kg
	Dimension (W x H x D) (Net)	77.04 x 45.67 x 3.93 in. 1956.8 x 1160.1 x 99.8 mm	67.28 x 40.16 x 3.47 in. 1708.9 x 1020.1 x 88.1 mm	58.62 x 35.31 x 3.47 in. 1488.9 x 896.9 x 88.1 mm	49.9 x 30.8 x 3.9 in. 1268.1 x 783.4 x 99.7 mm
	Dimensions(W x H x D) (Package)	83.07 x 50.51 x 8.86 in. 2109.9 x 1282.9 x 225.1 mm	73.35 x 44.88 x 8.86 in. 1863.1 x 1139.9 x 225.1 mm	64.10 x 39.57 x 8.19 in. 1628.1 x 1005.1 x 208.1 mm	56.2 x 34.2 x 7.3 in 1428 x 868 x 185 mm
	VESA™	800 × 600 mm	800 × 600 mm	600 x 400 mm	400 x 200 mm
ENVIRONMENT	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	32°F to 104°F / 0°C to 40°C
	Operation Humidity	10% to 90% RH	10% to 90% RH	10% to 90% RH	10% to 90% RH
ELECTRICAL	Power Supply	100-240Vac, 50/60Hz, 5.5A	100-240Vac, 50/60Hz, 5.5A	100-240Vac, 50/60Hz, 5.5A	100-240Vac, 50/60Hz, 5.5A
	Typical Power Consumption	385 W	225 W	220 W	220 W
	Max Power Consumption	580 W	430 W	W 420 W	W 420 W
	Standby Power Consumption	≤0.5 W	≤0.5 W	≤0.5 W	≤0.5 W
REGULATORY & OTHER	FCC	Class "A"	Class "A"	Class "A"	Class "A"
	CE	Yes	Yes	Yes	Yes
	Energy Star	Yes	Yes	Yes	Yes
	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited

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

Life's Good.

#LoveWhatYouSeeLG    @LGforBusinessUSA

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