



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

## Interactive Digital Board TR3DK Series

# A New Level of Classroom with **LG CreateBoard**



Genuine Touch & Writing Experience



Easy Connection & Sharing



Security & Compatibility



User Friendly Experience

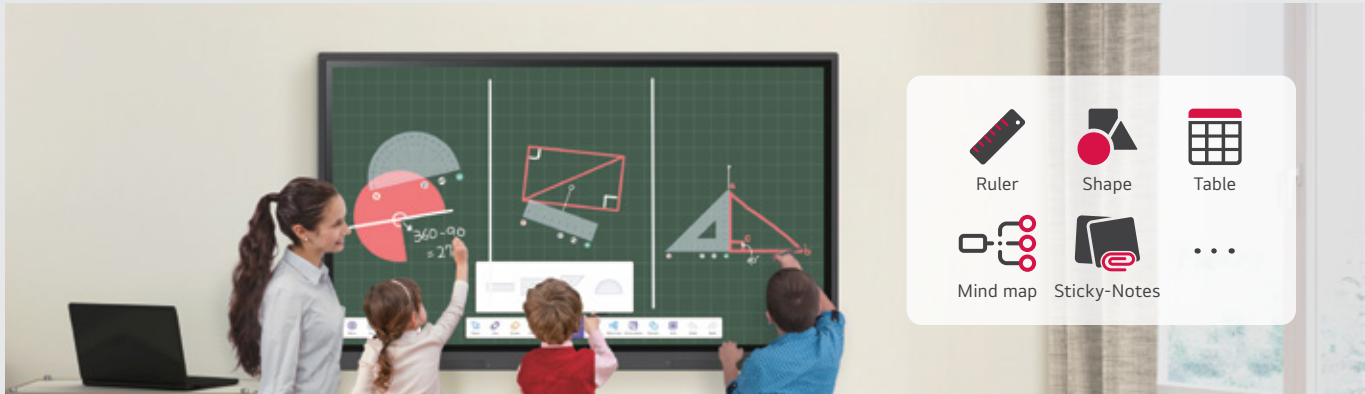


Remote-control Services

### TR3DK Series

	Size	98 (248.92cm)
Display	Native Resolution	3,840 × 2,160 (UHD)
	Brightness	440 nit (Max.)
Touch	Multi-Touch Point	Max. 40 Points
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



### Various Teaching Templates

LG CreateBoard 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 QR codes.

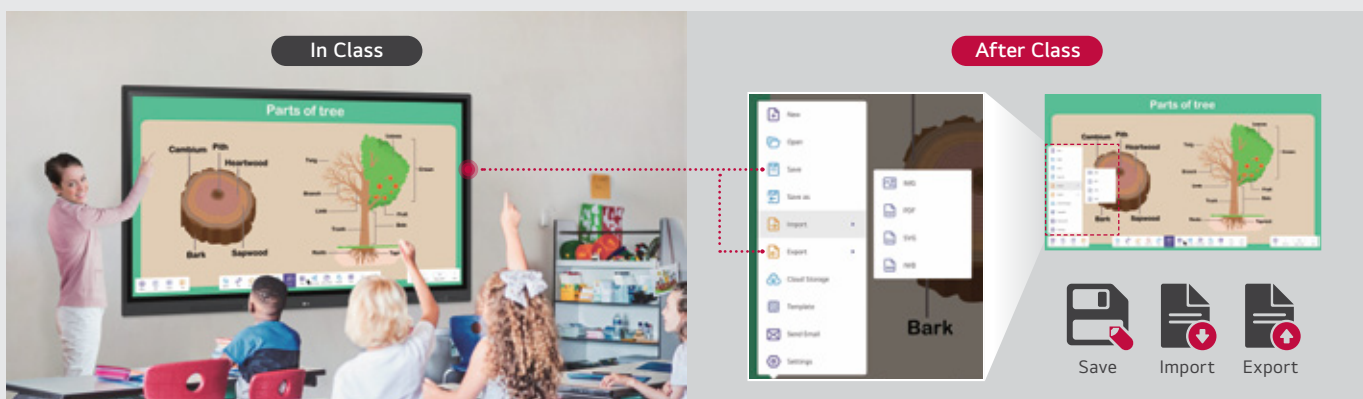


### Multi-touch

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

\* A max of 32 points are recognized in the Android environment, and a max of 40 points are detected in the Windows environment.

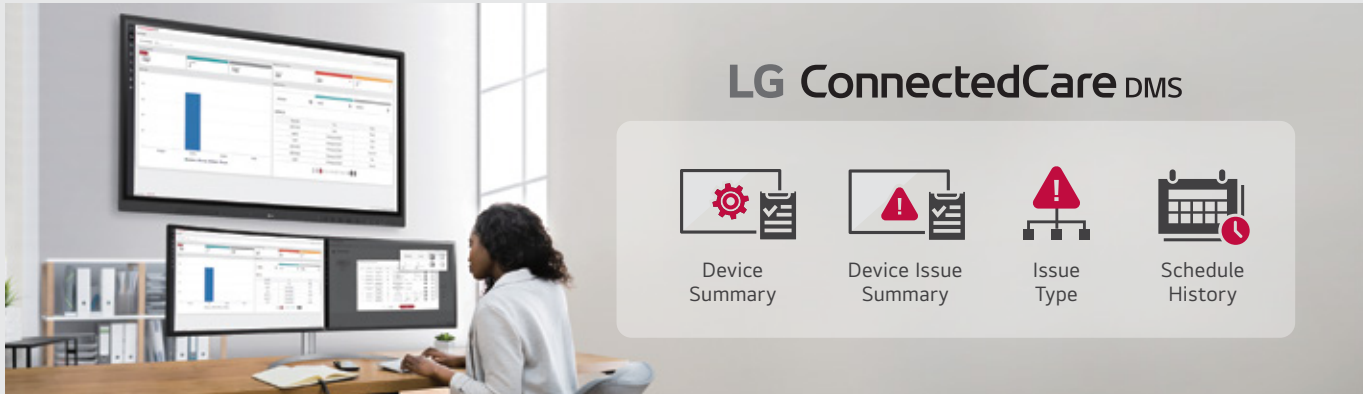
\* Up to 10 points can be recognized in the writing app.



### 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).

## REMOTE MANAGEMENT SOLUTION



### LG ConnectedCare DMS

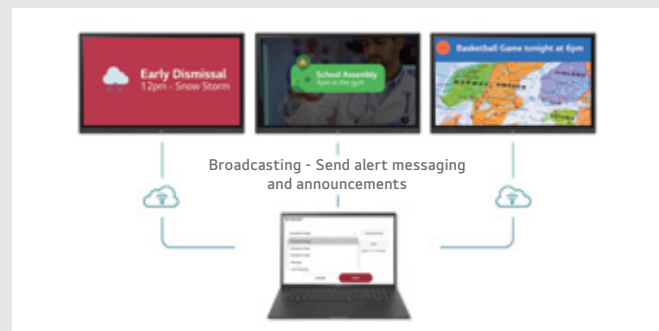
LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of LG CreateBoard installed in educational environments. This feature enables IT managers to operate and manage important resources on operating devices without physically visiting sites.

- \* '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 TR3DJ/TR3PJ/TR3DK Series as of now (plus more to come) under a cloud environment.



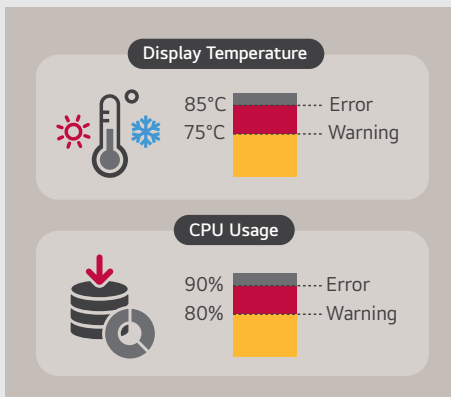
### Remote-control / Scheduling

Frequently used controls such as the power on/off, scheduling, brightness, and screen lock functions can be applied using a remote control.



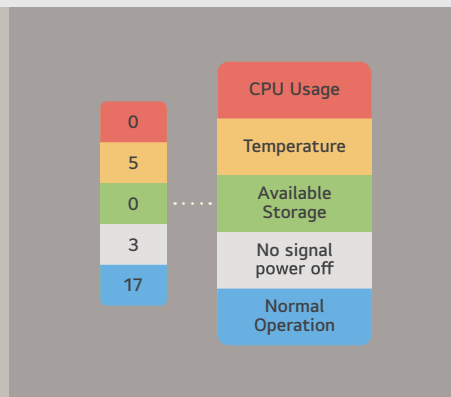
### Broadcasting / Alert Messaging

Messages and a range of other content can be sent from the main system to individual classroom 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 teachers and students 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.



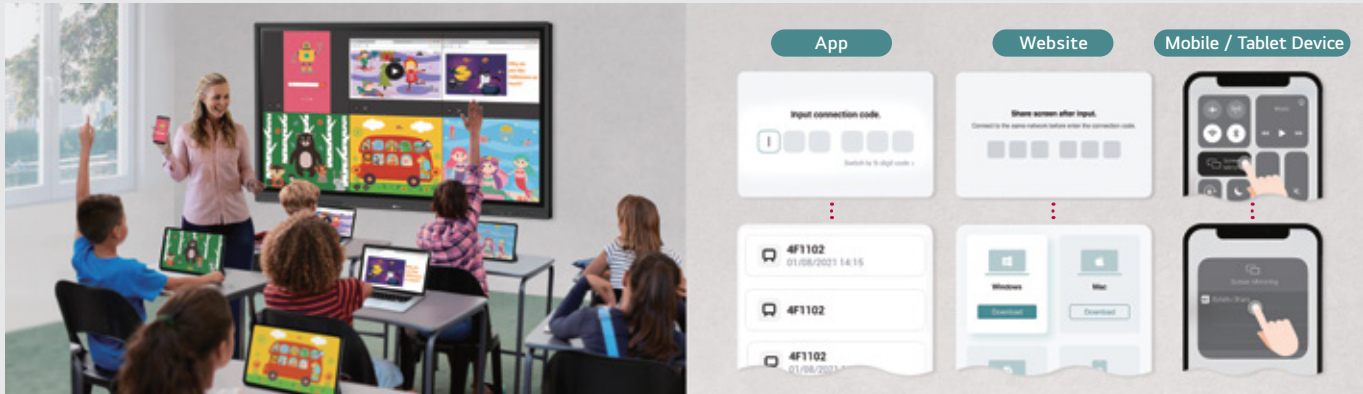
### Issue Management

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 classroom.

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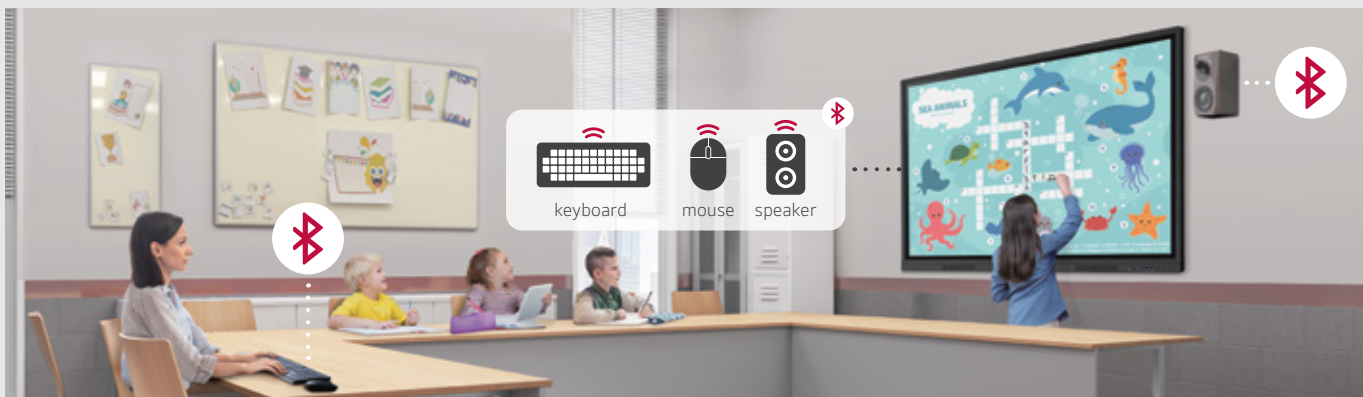
## EASY CONNECTION & SHARING



### 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. 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).



### 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 classes can proceed smoothly.

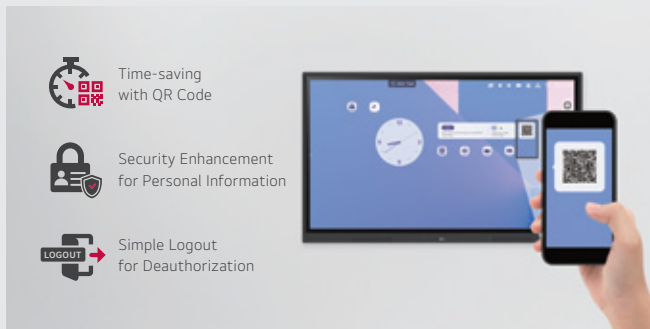


### C-type Connection

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

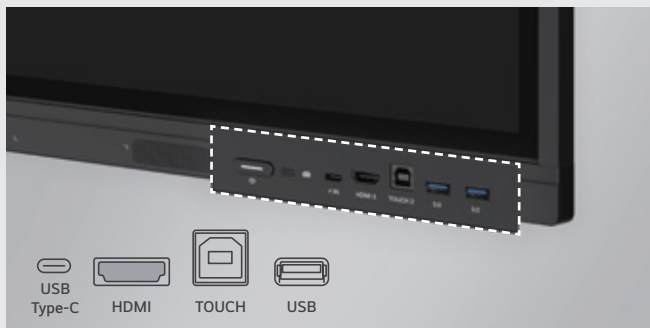
- \* USB Type-C cables are sold separately.

## OTHER FEATURES



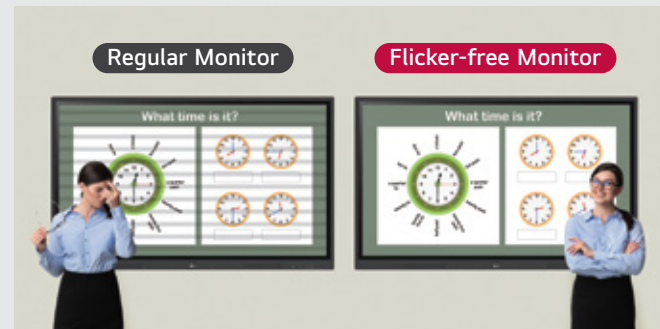
### QR Login for Easy Cloud Access

The QR code on the home screen reduces preparation time for class 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.



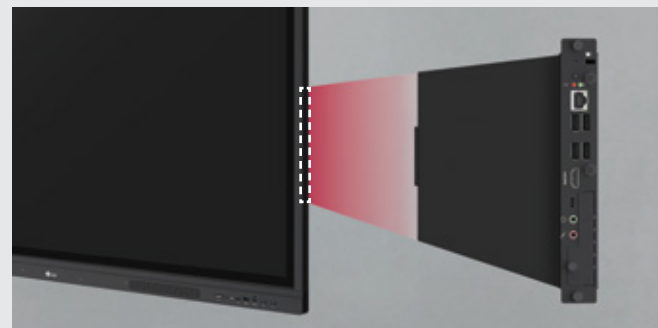
### Front Connectivity Design

LG CreateBoard features front display ports and speakers which are ideal for both teachers and students, 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

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.  
\* 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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## OTHER FEATURES

### SECURE FUNCTION



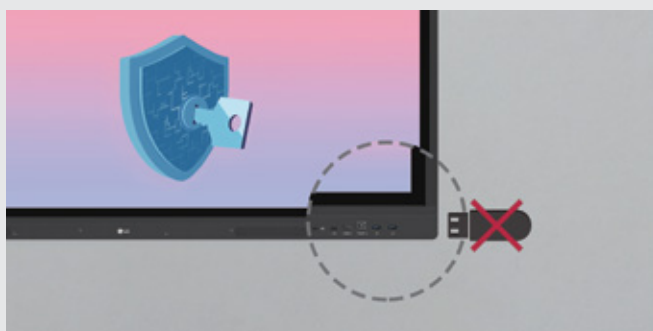
#### Screen Lock

Teachers 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.



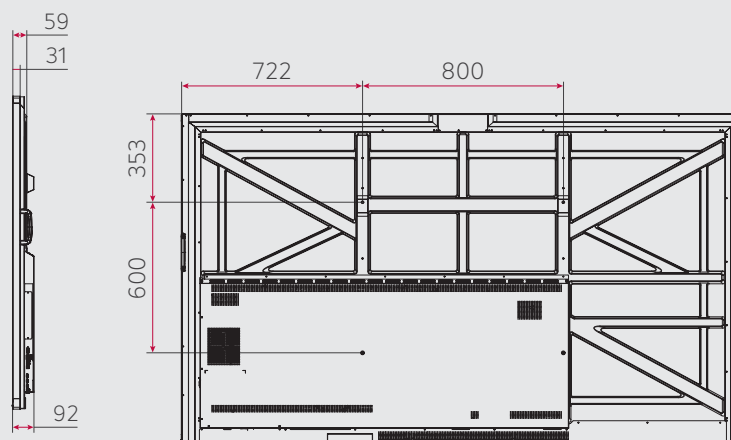
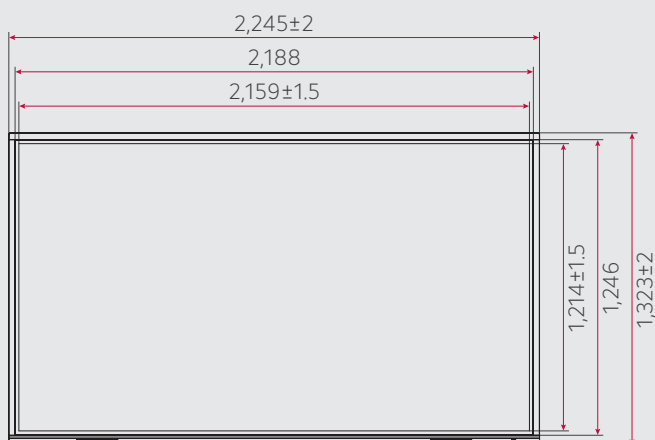
#### Auto-remove Files

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

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## DIMENSION (unit: mm)

98



# SPECIFICATION

Model Name		98TR3DK			
PANEL	Screen Size		98 (24892cm)		
	Panel Technology		IPS		
	Back Light Type		Direct		
	Aspect Ratio		16:9		
	Native Resolution		3840x2160 (UHD)		
	Refresh Rate		60Hz		
	Brightness		440 nit		
	Contrast Ratio		1200:1		
	Dynamic CR		3000:1		
	Color gamut		NTSC 72%		
	Viewing Angle(H x V)		178°(H/V)		
	Color Depth		1.07B(10bit)		
	Response Time		8ms		
	Surface Treatment(Haze)		Haze 25%		
Lifetime		50,000hrs (L30)			
Operation Hours (Hours/Day)		16/7			
Connectivity (Jack Interface)	Input	Digital	HDMI		
		Analog	RGB		
		Audio In		(1)	
		RS232C IN		(1)	
		RJ45(LAN)		(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(SPDIIF))	
		Touch USB		(2)	
		RJ45(LAN)		(1)	
Mechanical Specification	Bezel Color		Black		
	Bezel Width		T/R/L/B : 30/27/27/45mm		
	Weight(Head)		103.6Kg		
	Packed Weight		126.5Kg		
	Monitor Dimension(W x H x D)		2244 x 1323 x 91mm		
	Carton Dimensions(W x H x D) (Box outer size)		2406 x 280 x 1474mm		
	Handle		Yes		
	VESATM Standard Mount Interface		800x600mm		
Key Feature	HW	Wi-Fi	Built-in		
		Auto Brightness sensor		Yes	
		Power Indicator		Yes	
	SW	Operating system ver.		Android 13.0 (EDLA)	
		Background Image		Booting Logo Image	
		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		
POWER		Operation Humidity	10 ~ 90 % RH		
Power Consumption	Power Supply		100-240V~ 50/60Hz 5.5A		
	Power Type		Built-In Power		
	Typ.		460W		
	Max.		630W		
	BTU (British Thermal Unit)		1348 BTU/Hr(Typ.), 2081 BTU/Hr(Max)		
SOUND	DPM		≤0.5W		
	Power off		≤0.5W		
CERTIFICATION	Speaker		15W x 2		
	Safety		CB / NRTL		
OPS Compatibility	EMC		FCC Class "A" / CE / KC		
	OPS type compatible		Slot type		
	OPS Power built in		Yes		
Language	LG ConnectedCare		Yes		
	LG ConnectedCare DMS		DMS ( paid License )		
Accessory	OSD		English, Denmark, Finnish, German, Korean, Norwegian, Polski, Portugues(Europe), Portugues(Brazil), Romanian, Spanish, Swedish, Hungarian, Thai		
	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		≤5ms		
	Accuracy		±15mm		
	Interface		USB2.0		
	Protection Glass Thickness		4T (Anti-Glare)		
	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		
	Internal Memory	GPU		Mali G52MP2	
		Storage		64GB	
		RAM		8GB	
	Wi-Fi		802.11a/b/g/n/ac/ax (WiFi 6)		
	LAN		Gigabit LAN		
Bluetooth		Bluetooth 5.0			

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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