



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

Interactive Digital Board TR5WP

Meet, Create and Share on a 105" Widescreen LG CreateBoard® UltraWide



21:9 Widescreen



Optimized for
Microsoft Teams



Easy Connection
& Sharing



Remote-control
Services



Genuine Touch &
Writing Experience



Built-in Speakers
and Microphones

TR5WP

Display	Inch	105"
	Native Resolution	5,120 × 2,160 (5K)
	Brightness	400 nit (Typ.) with Glass
Touch	Multi-Touch Point	Max. 50 Points
Software	OS Ver.	Android 13
Connectivity	Input	HDMI (4, HDCP2.3), DP (HDCP1.4 & 2.3), Audio, RS-232C, RJ45 (LAN), USB 3.0 Type-A (6), USB 2.0 Type-A, USB Type-C (2)
	Output	HDMI, Audio Out, Touch USB (3), External Speaker, RJ45 (LAN)



21:9 Extended Wide Format

Stunning 21:9 Widescreen - Amazing Sound – Microphone Array - Optimized for MS Teams Front Row layout – Multi-OS Support



Built-in Speakers and Microphones

The LG CreateBoard comes with integrated speakers and microphones, providing an ideal setup for video conferencing. With its high quality built-in speakers that deliver rich, clear sound, along with an advanced microphone array, you probably won't need extra audio equipments or microphones.



Multi-screen Mode

LG CreateBoard supports a multi-screen mode, allowing users to utilize multiple screens simultaneously. Users can take notes, play videos, and browse the web at the same time, thereby enhancing work efficiency.

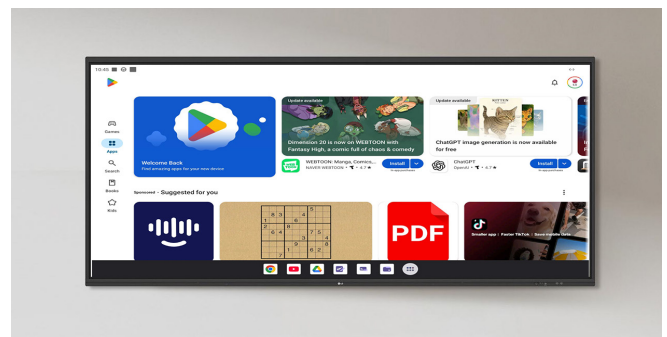
* Multi window mode may not work for some apps.



Google Certification

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

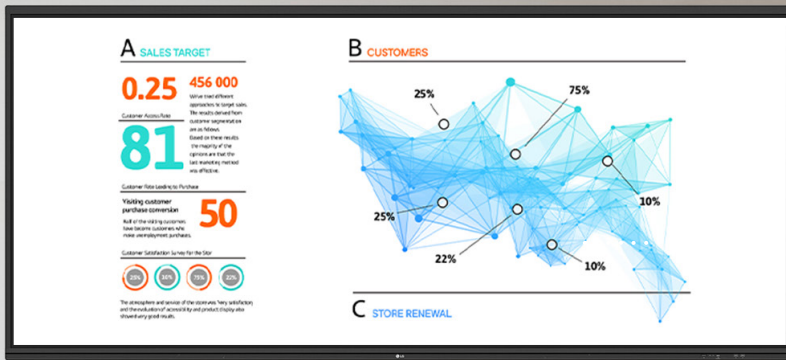
* Exceptions apply in countries without Google Services.



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.



LG CreateBoard Share

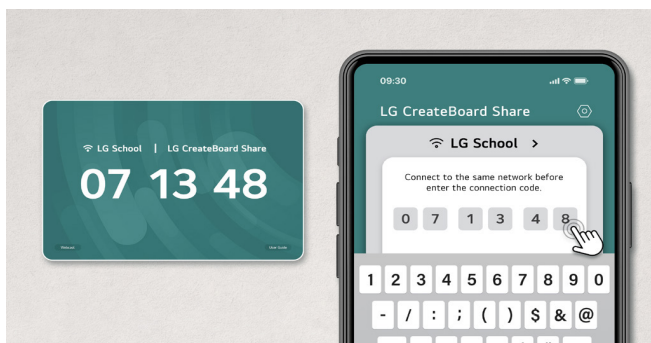
LG CreateBoard Share offers a wireless screen sharing feature, providing users with a flexible discussion environment. Users can share their screen from their own PC, tablet, or smartphone, simplifying the process of sharing and collaborating on team projects or presentation materials.

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



Wireless ScreenShare Feature for Seamless Sharing Enviroment

LG CreateBoard Share establishes a seamless and stable meeting room without the need for extra cables or connections. Presenters can now share their screens without the need to inconveniently move around and unplug and plug cables each time the presenter changes. With the capability to share up to 9 screens in real-time, it's possible to display multiple people's materials simultaneously when needed, thereby enhancing the efficiency of collaboration.



Simple Connection to LG Createboard Share

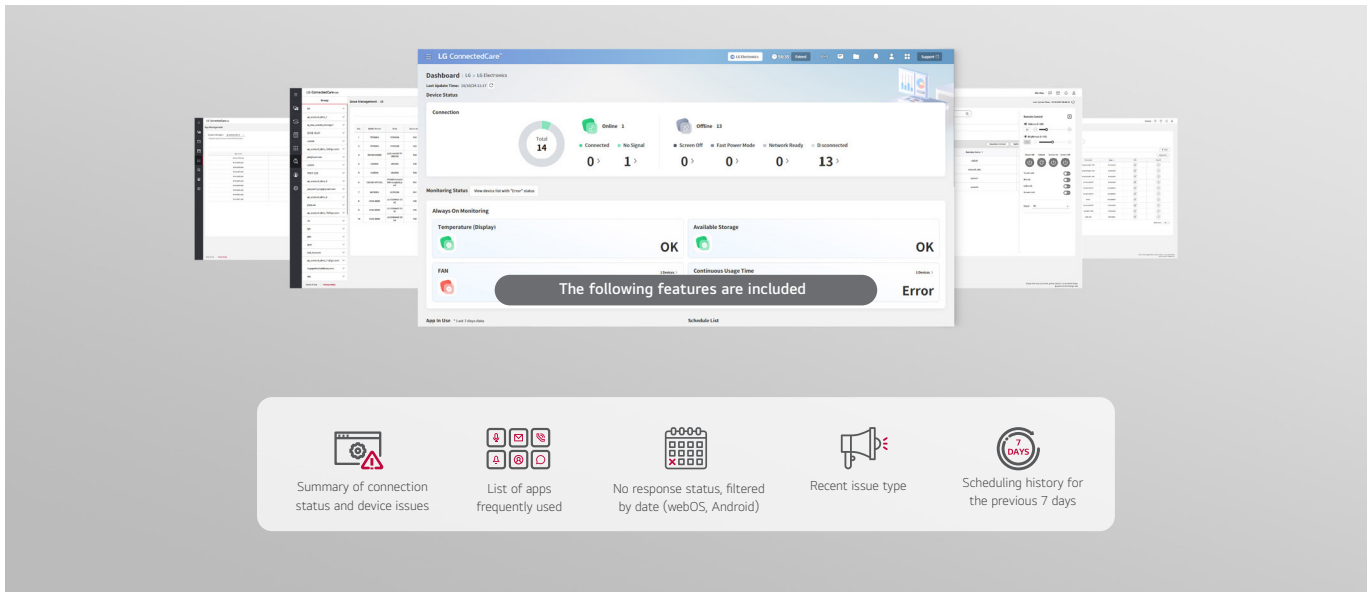
Users can easily utilize the wireless screen sharing feature via LG CreateBoard Share app, and even without the app, they can still conveniently access this feature through the website. A quick connection to the LG CreateBoard Share can be established by entering a 6-digit code.

LG ConnectedCare DMS

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

* LG ConnectedCare needs to be purchased separately

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



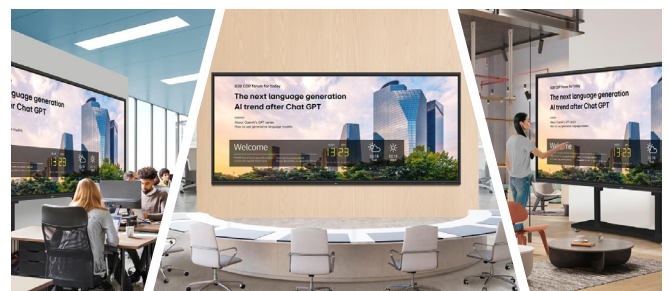
Dashboard

The LG ConnectedCare dashboard allows you to view and monitor multiple devices at the same time, thereby saving and boosting efficiency.



Remote-control

The LG ConnectedCare enables centralized and simple control of digital signage connected to the system. Frequently used functions such as power on/off, scheduling and screen brightness adjustment can be applied remotely.



Broadcasting

Messages and a range of other content can be sent from the main system to individual devices connected to LG ConnectedCare. Company events or announcements can be broadcasted remotely from the main system at once.

LG CreateBoard Lab

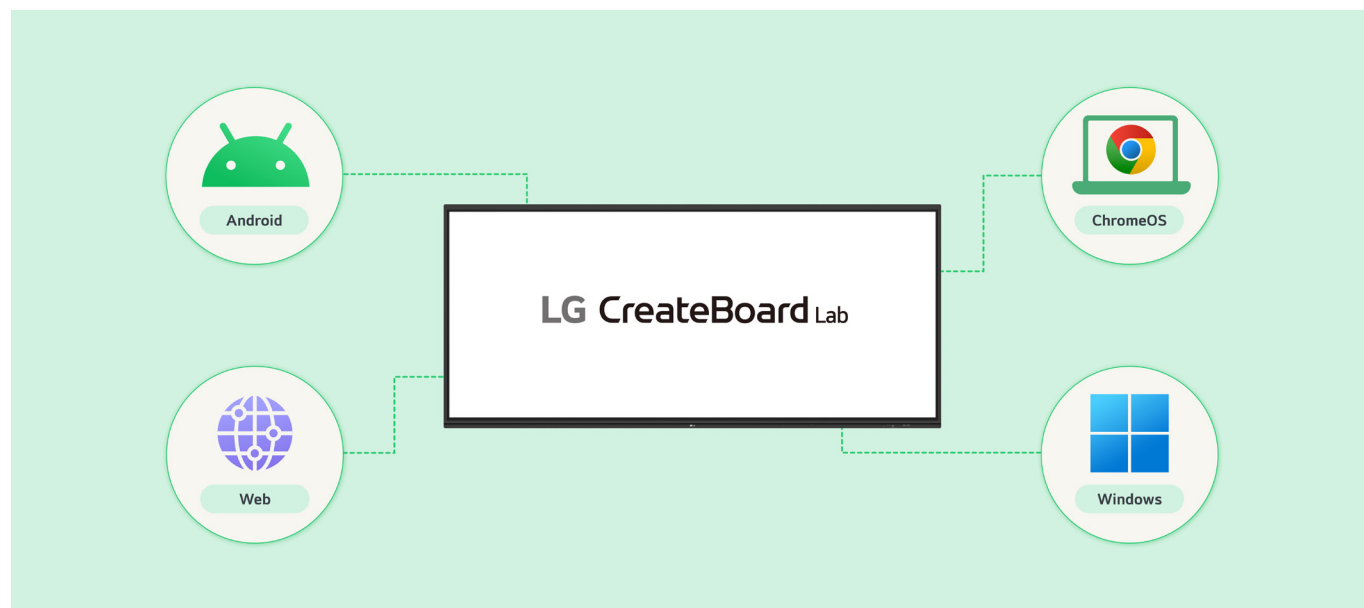
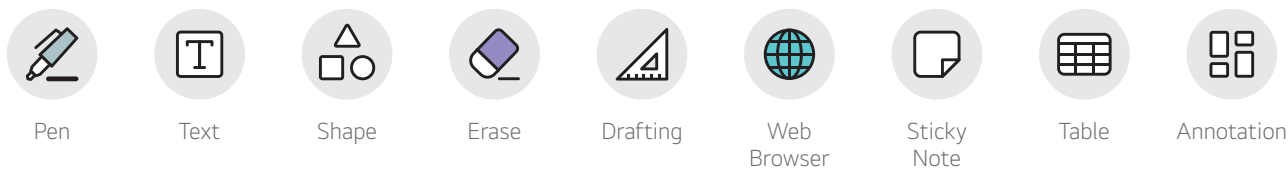
LG's proprietary whiteboarding software



Tools for Fluid Discussion

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.

The following features are included:

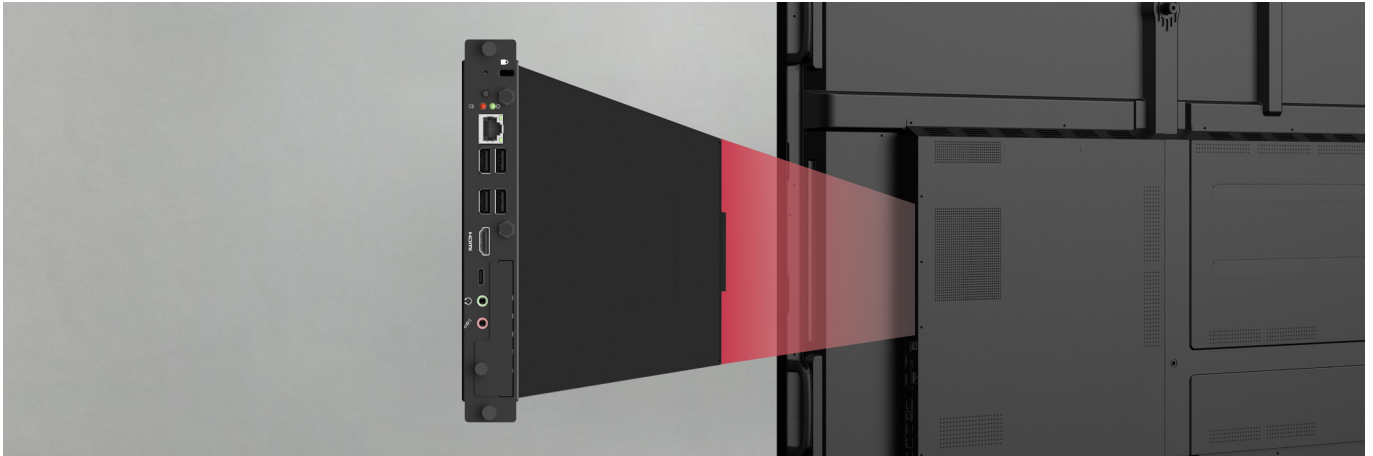


Multi-OS Support

LG CreateBoard Lab offers multi-OS support, allowing users to utilize it not only with LG CreateBoard but also with other devices. This enables users to maintain a seamless experience on tablets, laptops, and various other devices, even outside the classroom.

* Certain features may not be supported depending on the operating system.

* LG CreateBoard Lab is compatible with Android, Windows, Chrome, and the Web.



Built-in OPS Slot

LG CreateBoard supports OPS 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.

* OPS : Open Pluggable Specification



Front Connectivity Design

LG CreateBoard is designed with front display ports, making it easy for users to connect or disconnect cables. Additionally, its front-facing speakers facilitate content delivery with improved sound quality.

* Some ports including the power connector, are located on the side and back of the unit.

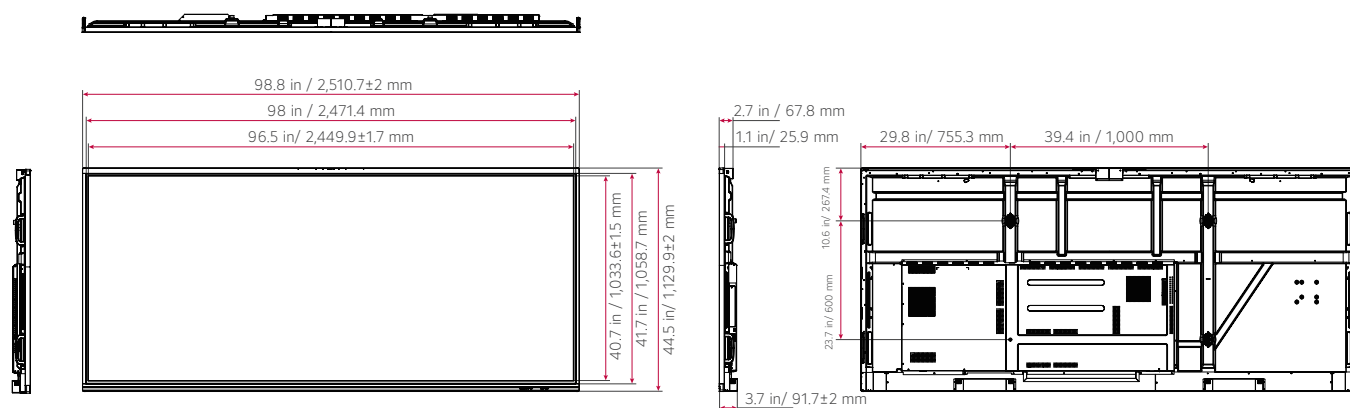


C-Type Connection

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

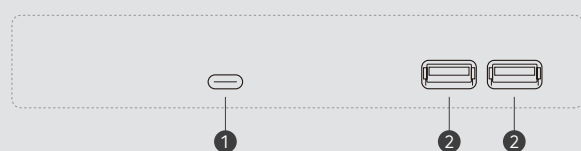
* USB Type-C cables are sold separately.

Dimensions

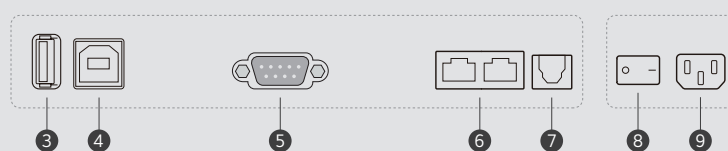


Connectivity

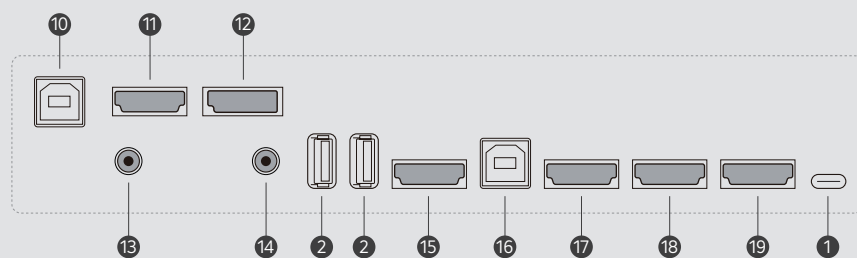
Front



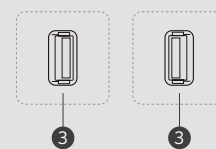
Bottom



Side



Top-left Top-right



- 1 USB Type-C
- 2 USB 3.0
- 3 USB 2.0
- 4 TOUCH 3

- 5 RS-232C
- 6 LAN
- 7 SPDIF
- 8 SWITCH

- 9 POWER
- 10 TOUCH 1
- 11 HDMI™ 1
- 12 DP IN

- 13 AUDIO IN
- 14 AUDIO OUT
- 15 HDMI™ OUT
- 16 TOUCH 2

- 17 HDMI™ 2
- 18 HDMI™ 3
- 19 HDMI™ 4

TR5WP

Panel			Screen Size (Inch)		105"	
			Panel Technology		2.6	
			Back Light Type		Direct	
			Aspect Ratio		21:9	
			Native Resolution		5120 x 2160 (5K)	
			Refresh Rate		60 Hz	
			Brightness		400 nit (typ.) with glass	
			Contrast Ratio		4,000:1	
			Dynamic CR		5,000:1	
			Color Gamut		72% (NTSC)	
			Viewing Angle (H x V)		178 x 178	
			Color Depth (Number of Colors)		10bit (1.07 B)	
			Response Time		6.5ms (Typ)	
			Surface Treatment (Haze)		25%	
			Lifetime		50,000 Hrs (Min.)	
			Connectivity			Operation Hours (Hours/Day)
Portrait/Landscape		No / Yes				
Mechanical Specification			Transparency		5.5%	
			Input		Input HDMI (4, HDCP 2.3), DP (1, HDCP 1.4 / 2.3), Audio In, RS-232C In, RJ45 (LAN), USB3.0 Type A(6), USB2.0 Type A(1), USB Type C(2),	
			Output		Output HDMI Out, Audio Out Optical O(1, SPDIF), Touch USB 2.0 (2, Type A), RJ45 (LAN)	
			Bezel Color		Black	
			Bezel Width (T / R / L / B)		T/R/L/B : 29.8/19.5/19.5/41.2 mm	
			Weight (Head)		84.6 kg	
			Weight (Head+Stand)		No	
			Shipping Weight		123.95 kg	
			Monitor Dimensions (W x H x D)		2510.7 × 1129.9× 91.7 mm	
			Monitor Dimensions with Stand (W x H x D)		No	
Protection Glass			Carton Dimensions (W x H x D)		2668 × 1305 × 280 mm	
			Handle		4 Handle	
			VESA™ Standard Mount Interface		1000 x 600 mm	
			Thickness		4 mm	
			Degree of Protection		TBD	
Key Feature			Tempered/Chemical Strengthening		Yes	
			Anti-Reflective		Yes	
			Shatter-Proof		Yes	
			Internal Memory (64 GB), Wi-Fi (Slot Type), Auto Brightness Sensor, Power Indicator, Local Key Operation, Built-in MIC (8), webOS ver. (Android 13), Booting Logo Image, RS-232C Sync, PIP (External Source), PBP (4), Screen Share (LG CreateBoard Share), Crestron Connected, Smart Energy Saving, Wake on LAN, Network Ready (Fast Power On), HDMI-CEC			
Enviroment Conditions			Operation Temperature		0 °C to 40 °C	
			Operation Humidity		10% to 90%	
Power			Power Supply		AC 100-240V~, 50/60Hz	
			Power Type		Built-In Power	
			Power Consumption	Typ. / Max	315 W/ 560 W	
				BTU (British Thermal Unit)	TBD	
				Smart Energy Saving (70%)	Yes	
			Power Off		0.5 W	
Sound			Speaker (Built-in)		0 (18 W(4Ω)+ 18Wx2(6Ω))	
Standard (Certification)			Safety		IEC 62368-1:2018; UL 62368-1:2019	
			EMC		FCC Class "A" / CE / KC	
			ErP/Energy Star		Yes/Yes	
OPS Compatibility			OPS Type Compatible		Yes	
			OPS Power Built-In		Yes	
Software Compatibility			LG ConnectedCare		Yes	
Language			English, Simplified Chinese, Czech, Denmark, Arabic (Egypt), Finnish, French, German, Greek, Italian, Korean, Netherlands (Dutch), Norwegian, Polski, Portuguese (Europe), Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Türkçe, Ukrainian, Traditional Chinese, Hungarian, Thai, Indonesian, Kazakh, Catalan, Basque, Japanese, Estonian, Lithuanian			
Accessory			Basic		Power Cord 3 M*1, USB Cable (Type A-Type B) 5 M*1, USB Type-C Cable (C to C) 1.8 M*1, HDMI Cable 3 M*1, Writing Pen*2pcs, User Manual, QSG, Carton Box, Remote Controller (include battery 2ea), Wifi module	
Product Dedicated Feature		Touch	Available Object Size for Touch		Ø2 mm↑	
			Response Time		≤5 ms	
			Writing Height		≤2 ms	
			Accuracy (Typ.)		±1 mm	
			Interface		USB 2.0	
			Protection Glass Thickness		4 mm	
			Protection Glass Transmission		≥88%	
			Operating System Support		Windows10/Windows8/Windows7/Android/Linux/Mac OS X/Chrome	
Multi Touch Point		50 Points (Max.)				
Product Dedicated Feature		LG Create Board	CPU		Octa-core A76 × 4 + A55 × 4	
			GPU		Mali-G610 MP4	
			Memory (RAM)		8 GB	
			Storage		64 GB	
			Wi-Fi		Wi-Fi 6E	
			LAN		Gigabit LAN	
			Bluetooth		Bluetooth 5.3	
			OS ver.		Android 13	
Warranty Duration			3 years standard with options to extend 5 years for Education Customers with options to extend.			