

Screen Size	86"	Panel Technology	IPS
Back Light Type	Direct	Aspect Ratio	16:9
Native Resolution	3840x2160 (UHD)	Refresh Rate	60Hz
Brightness	440nit (wo Glass, max), 390nit (wo Glass, typ) 400nit (w Glass, typ), 350nit (w Glass, typ)	Contrast Ratio	1200:1
Dynamic CR	5000:1	Color gamut	NTSC 68%
Viewing Angle (H x V)	178°(H/V)	Color Depth	1.07B (10bit)
Response Time	8ms	Surface Treatment(Haze)	Haze 28%
Life time	50,000hrs (L30)	Operation Hours (Hours/Day)	16/7
Portrait / Landscape	No / Yes		

CONNECTIVITY (JACK INTERFACE)

Input	HDMI (3, HDCP2.2), RGB (1, VGA), Audio In, RS232C IN, RJ45 (LAN), USB3.0 Type A (4), USB2.0 Type A (1), USB Type-C (1, USB-PD, DP-Alt)	Output	DP Out (HDMI Out), Audio Out (1, Optical 1 (SPDIF)), Touch USB (2), RJ45 (LAN)
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MECHANICAL SPECIFICATION

Bezel Color	Black	Bezel Width	T/R/L/B : 15/15/15/44mm
Weight (Head)	58.6Kg	Packed Weight	75.9Kg
Monitor Dimension (W x H xD)	1957×1160×100mm	Carton Dimensions (W x H xD) (Box outer size)	2110×1283×225mm
Handle	Yes	VESA™ Standard Mount Interface	800×600mm

KEY FEATURE

HW

Internal Memory (64GB),
Built-in Wi-Fi (Slot type),
Auto Brightness sensor,
Power Indicator

SW

Android 11 (Android 13
starting from July 2024),
Background Image (Booting
Logo Image), Multi-screen
(PIP (1 external source),
PBP(1 external source)),
Screen Share (LG
CreateBoard Share), Power
(Smart Energy Saving
(Energy Saving))

ENVIRONMENT CONDITIONS

Operation Temperature	0 ~ 40 °C	Operation Humidity	10 ~ 90 % RH
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POWER

Power Supply	100-240V~ 50/60Hz 5.5A	Power Type	Built-In Power
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POWER CONSUMPTION

Typ.	385	Max.	580W
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BTU (British Thermal Unit)	1314 BTU/Hr(Typ.), 1979 BTU/Hr(Max)	DPM	≤0.5W
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Power off	≤0.5W
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SOUND

Speaker	Yes (15W x 2)
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CERTIFICATION

Safety	CB / NRTL	EMC	FCC Class "A" / CE / KC
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ErP / Energy Star	Yes / Yes
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OPS COMPATIBILITY

OPS Type Compatible	Yes (Slot)	OPS Power Built In	Yes
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SOFTWARE COMPATIBILITY

LG ConnectedCare	Yes	LG ConnectedCare DMS	Yes (DMS)
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LANGUAGE

OSD	English, Denmark, Finnish, German, Korean, Norwegian, Polski, Portugues(Europe), Portugues(Brazil), Romanian, Spanish, Swedish, Hungarian, Thai
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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, Carton Box, Remote Controller(include battery 2ea), Wifi module	Optional	Wall Mount(WM-L000S), Floor Stand(ST-000F)
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SPECIAL FEATURE

Touch - Available object size for touch	∅2 mm ↑ .	Touch - Reponse Time	≤5ms
Touch - Accuracy	±1mm	Touch - Interface	USB2.0
Touch - Protection Glass Thickness	3T(Anti-Glare)	Touch - Protection Glass Transmission	88%
Touch - Operating System Support	Windows 7/8/10/Linux/Mac/Android (Linux/Mac Support one point touch)	Touch - Multi touch point	Max 40 points

ANDROID SYSTEM

SoC	Quad core A55	GPU	Mali G52MP2
Internal Memory - Storage	64GB	Internal Memory - RAM	8GB
Wi-Fi	802.11a/b/g/n/ac/ax (WiFi 6)	LAN	Gigabit LAN
Bluetooth	Bluetooth 5.0		