

## PANEL

Screen Size	55"
Panel Technology	IPS
Back Light Type	Direct
Aspect Ratio	16 : 9
Native Resolution	3840x2160 (UHD)
Refresh Rate	60 Hz
Brightness	440nit(wo Glass, max), 390nit (wo Glass, typ) 400nit(w Glass, typ), 350nit (w Glass, typ)
Contrast Ratio	1200:1
Dynamic CR	50,000:1
Color gamut	NTSC 72%
Viewing Angle(H x V)	178°(H/V)
Color Depth	10bit(8bit + FRC)
Response Time	8 ms
Surface Treatment(Haze)	Haze 25%
Life time	50,000hrs (L30)
Operation Hours (Hours/Day)	16/7
Portrait / Landscape	No / Yes

## CONNECTIVITY/BACK INTERFACES

## 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)

## MECHANICAL SPECIFICATION

**Bezel Color** Black

**Bezel Width** T/R/L/B : 18/18/18/45mm

**Weight (Head)** 26.1Kg

**Packed Weight** 34.5Kg

**Monitor Dimension(W x H x D)** 1271×774×87mm

**Carton Dimensions(W x H x D) (Box outer size)** 1401×859×220mm

**Handle** Yes

**VESA™ Standard Mount Interface** 400×200mm

## KEY FEATURE

**HW** Internal Memory (32GB), Built-in Wi-Fi (Slot type), Auto Brightness sensor, Power Indicator

**SW** webOS ver. (Android 11.0), Background Image (Bootting 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 °C ~ 40 °C
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Operation Humidity	10 ~ 90 % RH
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## POWER

Power Supply	100-240V~ 50/60Hz 3.5A
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Power Type	Built-In Power
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## POWER CONSUMPTION

Typ.	170
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Max.	395
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BTU (British Thermal Unit)	580 BTU/Hr(Typ.), 1 348 BTU/Hr(Max)
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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
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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)
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OPS Power Built In	Yes
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## SOFTWARE COMPATIBILITY

LG ConnectedCare	Yes
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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
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Optional	Wall Mount(WM-L000S), Floor Stand(ST-000F)
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## SPECIAL FEATURE

Touch - Available object size for touch	Ø2 mm ↑ .
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Touch - Reponse Time	≤5ms
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Touch - Accuracy	±1mm
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Touch - Interface	USB2.0
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Touch - Protection Glass Thickness	3T (Anti-Glare)
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Touch - Protection Glass Transmission	88%
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**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**

32GB

**Internal Memory - RAM**

4GB

**Wi-Fi**

802.11a/b/g/n/ac/ax (WiFi 6)

**LAN**

Gigabit LAN

**Bluetooth**

Bluetooth 5.0