

DISPLAY

Display Type	4K NanoCell
Screen Size (in.)	55
Resolution	3840 x 2160
NanoCell Display	Yes
IPS Panel	Yes
Viewing Angle	Wide Viewing Angle
Wide Colour Gamut	Nano Colour
Billion Rich Colours	Yes
Dimming	Full Array Dimming
Ultra Luminance	Ultra Luminance
BLU Type	Slim Direct
TruMotion / Refresh Rate	TM200 (Refresh Rate 100Hz)

VIDEO

Picture Master Processor	α7 Gen3 Processor 4K
Deep Learning AI Picture	AI Picture
Auto Genre Selection	Yes (Dolby HDR only)
Image Enhancing	Image Enhancing
AI Brightness	Yes
HDR	Cinema HDR

Dolby Vision IQ	Yes (4K/2K)
HDR10 Pro	Yes (4K/2K)
HLG	Yes (4K/2K)
FILMMAKER MODE™	Yes
HDR Effect	Yes (4K/2K)
Dynamic Tone Mapping	HDR Dynamic Tone Mapping
4K HFR	Yes
2K HFR	Yes
Motion Pro	Motion Pro
Dimming Algorithm	LG Local Contrast
Upscaler	4K Upscaler
HEVC	4K@120P, 10bit
VP9	4K@60p, 10bit
AV1	4K@60p, 10bit
FreeSync™	Yes (MR)
HGIG Mode	Yes
Instant Game Response	Yes (VRR/ALLM)
Picture Mode	Yes, 10 modes (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, Filmmaker, (ISF) Expert (Bright Room), (ISF) Expert (Dark Room))

AUDIO

Output	20W (10W per channel)
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Channel	2.0 ch
Direction	Down Firing
Simultaneous Audio Output	Yes
Dolby Atmos	Yes
AI Sound	AI Sound
AI Acoustic Tuning	Yes
Surround Mode	Ultra Surround
Clear Voice	Clear Voice III
Bluetooth Surround Ready	Yes
WiSA Speakers	Yes
LG Sound Sync	Yes
Auto Notification	Yes (Bluetooth easy pairing)
Sound Share	Yes
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

AI TV(ARTIFICIAL INTELLIGENCE)

LG ThinQ AI	Yes
Intelligent Voice Recognition	Yes
Speech to Text	Yes
LG Voice Search	Yes
Google Assistant	Yes

Amazon Alexa Compatible	Yes
AI UX	Yes
AI Home	Yes
AI Recommendation	Yes
Intelligent Edit	Yes
Home Dashboard	Yes
Auto Device Detection	Yes
Smart Speaker Compatible	Yes
Google Home Compatible	Yes
Amazon Echo Compatible	Yes
LG Smart Speaker	Yes
Mobile Connectivity	Yes
ThinQ App	Yes

SMART TV

Operating System (OS)	webOS Smart TV
Number of CPUs	Quad
Magic Remote Control	Built-In
Quick Access	Yes
Universal Control	Yes
360° VR Play	Yes
Related Content Search	Yes

Audio Guidance(Text To Speech)	Yes
Gallery	Yes
LG Content Store	Yes
DIAL	Yes
Web Browser	Yes
Music Player	Yes
Mobile TV On	Yes
Wi-Fi TV On	Yes
Bluetooth Low Energy On	Yes
Network File Browser	Yes
Block access to harmful site	Yes
Live Plus (ACR-based Bilateral Service)	Yes, webOS5.0
Hotel Mode	Yes
Sports Alert	Yes
Music Discovery	Yes
ADDITIONAL FEATURE	
Auto Calibration	Yes
OSD Language	37 Languages
Time Machine (DVR)	Yes
Digital Recording	Yes
Time Shift	Yes

BROADCASTING SYSTEM

Digital TV Reception(Terrestrial,Cable,Satellite) Yes

Terrestrial DVB-T2/T

Cable DVB-C

Satellite DVB-S2/S

Analog TV Reception Yes

Data Broadcasting (Country Spec) HbbTV

CI + (Common Interface) CI+1.4

Teletext Page Yes (2000 page)

Teletext (Top/Flof/List) Yes (Flof)

Subtitle Yes

Audio Description Yes

EPG (8days) Yes

CONNECTIVITY

Screen Share Yes

HDMI 4 (Side) (2 x HDMI 2.1, 2 x HDMI 2.0)

Simplink (HDMI CEC) Yes

eARC / ARC (Audio Return Channel) eARC (HDMI 3)

USB 1 (Rear)/2 (Side)

LAN Yes (Rear)

CI Slot Yes (Side)

RF In	2 (Rear, RF/Sat)
SPDIF (Optical Digital Audio Out)	Yes (Rear)
Headphone out	Yes (Rear)
Line out	Yes (Rear, headphone out common)
Wifi	Yes (802.11ac)
Bluetooth	Yes (V5.0)

POWER

Power Supply	AC 100~240V 50-60Hz
Energy Efficiency Class (A++ to E scale)	A
Standby Power Consumption	Under 0.5W
Energy Saving Mode	Yes
Illuminance Green sensor	Yes

DIMENSIONS - WXHXD(MM)

Size W/O Carton, W/O Stand	1237 x 716 x 70.5
Size W/O Carton, With Stand	1237 x 773 x 232
Size W/ Carton, With Stand	1360 x 810 x 162
Stand (W x D)	1037 x 232
VESA	300 x 300
EAN Code	8806098660896

WEIGHT(KG)

Weight (TV)	17.3
Weight (TV + Stand)	17.5
Weight (W/Carton)	22.3

ACCESSORY

Remote	MR20
Battereis	Yes (AA x 2EA)
Power Cable	Yes (TV Detached)

COMPLIANCE INFORMATION

[ENERGY LABEL\(55NANO906NA\)_](#)

[PRODUCT FICHE\(55NANO906NA\)_](#)

[WEB INFO\(55NANO906NA\)_](#)

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