

BASIC DATA

Model board	2021
Smart TV	Yes
Display type	NanoCell
Backlight type	Edge
Screen size (inch)	50
Screen size (cm)	126
Picture format	16:9
Local dimming	Local Dimming
Resolution	3840 * 2160
Processor	A5 4K processor

TYPES OF SIGNAL RECEPTION

Terrestrial (terrestrial) signal reception	DVB-T2
Cable reception of TV signal	DVB-C
Satellite TV signal reception	DVB-S2
HbbTV	Yes
Digital TV reception	Yes

IMAGE

HDR10 Pro / Dolby Vision IQ / HLG	Yes / No / Yes
HFR / AI brightness control	No Yes
HEVC (H.265 codec) / VP9 / AV1	Yes Yes Yes
Image resolution enhancement (Upscaler)	4K
Panel refresh rate	TM100 (60 Hz)
Extended color range	Nano Color
Auto Low Latency Mode (ALLM)	Yes
G-Sync / FreeSync / VRR	No no no
FILMMAKER MODE ™	Yes
AI picture / AI sound	No Yes

SOUND

Speaker system	2.0k
Musical performance (Watt)	20 W
Dolby Atmos / Ultra Surround	No Yes
Bluetooth Surround	Yes
WiSA wireless speaker support	Not
Wireless audio synchronization	Yes
Supported audio codecs	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X
One-touch audio tuning	Yes

SIMPLINK (HDMI CEC)	Yes
eARC / ARC	Yes Yes
SMART TV	
Internet browser	Yes
LG ThinQ	Yes
Compatibility with LG ThinQ	Yes
LG Home Dashboard	Yes
Operating system	webOS Smart TV
SMART SHARE	
Google Assistant	Yes (availability according to the location and conditions of the provider)
Amazon Alexa	Yes (availability according to the location and conditions of the provider)
Apple AirPlay 2	Yes
Apple HomeKit	Yes
TV broadcast recording	Yes
Quick access	Yes
Keyboard, mouse connection	Yes
Mobile phone connection	Yes
Bluetooth V5.0	Yes

NETWORK

DLNA (Movies / Photos / Music)	Yes
Miracast	Yes
WiFi	Yes

CONNECTORS

RF input	2
Composite input	0
Component input	0
Scart	0
Optical output	1
LAN connector	1
CI Slot	1
HDMI 1.4	0
HDMI 2.0	4
HDMI 2.1	0
USB	2
Headphone output / Line out	0

TV ACCESSORIES

Magic controller	Yes (MR21)
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Standard driver

Not

DIMENSIONS AND WEIGHT

TV dimensions - package (W x H x D)	1215x775x152 mm
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Dimensions - TV without stand (W x H x D)	1120x635x49.2 mm
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Dimensions - TV including stand (W x H x D)	1120x718x257 mm
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Dimensions - TV stand (W x D)	945x257 mm
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Weight (net / with packaging)	14.4 / 17.1 kg
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Wall mount / VESA	LSW240 / 200x200
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POWER CONSUMPTION (W)

Energy class	F (range A to G)
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Standby mode	0.5 W
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Power Consumption (On - Factory setting)	63 kWh / 1000 h
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Power Consumption (On - HDR)	104 kWh / 1000 h
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DECLARATION OF CONFORMITY

[Dismantling information \(50NANO803PA\)](#)

[EU Energy label 2019 \(50NANO803PA\)](#)

[Product information sheet \(50NANO803PA\)](#)

ADDITIONAL INFORMATION ON COMPLIANCE

