

**ThinQ AI** | **Magic Remote™**

**NETFLIX**

**YouTube**

**prime video**

**HDR10**  
HIGH DYNAMIC RANGE

**HDMI™**  
HIGH-SPEED MULTIMEDIA INTERFACE

**Dolby**  
AUDIO

**DVB-T2/C/S2**

**Wi-Fi**

**Bluetooth™**



**IMAGE**

Picture Quality	UHD
Resolution (pixels)	3840x2160
Contrast	1200:1 (typ.)
Brightness	Min:220cd/m2;Typ: 250cd/m2
Screen Technology	ADS, Normally Black, Transmissive
Wide viewing angle	89/89/89/89 (Typ.)(CR≥10)
3D	No
Back Light Unit Type	DLED
CPU	ARM cortex -CA55*4 @ 1,1GHz
GPU	Mail G31 MP2 -High speed @ 700MHz
upscaller	Yes
Noise reduction	Yes
Colors	1.07B
HDR	Yes(HDR10)
Refresh Rate	60Hz
Aspect Ratio	16:9
Response time(Typ)	8mS

**SUPPORTED FORMAT**

Audio	AC3 (Dolby Digital), EAC3 (Dolby Digital Plus, AAC, MPEG-1 Layer I, II, MPEG-1 Layer III (MP3), LPCM, PCM, Dolby AC-4
Video	VC-1 Advanced Profile (except WMVA); Xvid (except GMC), H.264/AVC, Motion Jpeg, H.265/HEVC, MPEG-2, MPEG-4, VP8, VP9, MPEG-1, AV1...

**AUDIO SPECIFICATION**

Surround Mode	Yes
Audio Power	2*10W



**SMART TV**

Smart	Yes
Platform	WebOS 5.0
Chipset	RTD2874S
ROM	8GB
RAM	1,5 GB
Operating system	WebOS 5.0
Wifi	Yes (IEEE 802.11 a/b/g/n/ac)
Bluetooth	Yes (V 5.0)
LG ThinQ	Yes(V 2.0.0)
Virtual Keyboard	Yes
Miracast Compliance	Yes
Internet browser	Yes
Shortcut buttons	Yes
Music Player	Yes
Application	Yes
App Store	Yes
Magic Remote	Yes
Universal Remote Control	Yes

**CONNECTIVITY**

HDMI Input	3
HDMI version	2,0
HDCP	HDCP 2.2
ARC (Audio Return Channel)	Yes (HDMI2)
USB Port	2 x USB2.0
Common Interface (CI+ Port )	Yes
Common Interface (CI+ Port ) Version	1.4
Antenna Input	2 (RF&LNB)
Composite Input (AV)	Yes (PAL/NTSC/SECAM)
VGA	No
Component Input (YPbPr)	No
Earphone	Yes (120 ~ 150mVrms)
Audio Out	Yes
SPDIF Output	Yes (Optical)
Ethernet (RJ45)	Yes (10/100M)

**ACCESSORIES**

Jack adapter	NO
Manual	Yes
Remote Control	Magic Remote (MR20GA)
Battery	LR6 AA

**STRUCTURAL CHARACTERISTICS**

Screen Size	55" (139 cm)
TV weight without stand	11.63 kg
TV weight with stand	11.74 kg
TV weight in carton box	15.5 kg
TV dimensions without stand (L x H x W)	1226.2 x 708.7 x 74.5 mm
TV dimensions with stand (L x H x W)	1226.2 x 770.5 x 242.9 mm
TV dimensions in carton box (L x H x W)	1348*174*829 mm
VESA (Wall hanging)	200 x 200

**ECO**

	SDR	HDR
Power consumption ON/Standby	102 W/≤ 0,5W	131 W/≤ 0,5 W
Rated power (max)	160 W	160 W
Energy consumption /1000 hours	102 Kwh /1000h	131 Kwh /1000h
Power supply	Ac 100-240V 50/60Hz	Ac 100-240V 50/60Hz
Energy Class (A to G)	G	G

**DESIGN**

Color	Black
Stand model	Plastic V shape
Slim	Yes
Frameless	Yes

**STANDARD**

Certification	CE/ERP/RoHS/CB
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**MULTIMEDIA FONCTIONS**

Media File Browser	Yes
HDMI CEC & ARC	Yes
USB Keyboard/Mouse Support	Yes

**CONFORT**

Favorite Channels list	Yes
Parental Control	Yes
Hotel Mode	No
Electronic Program Guide (EPG)	Yes
TELETEXT	Yes
SUBTITLES	Yes

**RECEPTION**

DVB-T2/C/S2 Tuner	Yes
HbbTV	Yes (V 2.0)

Netflix streaming membership required.

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