



# PRODUCT SPECIFICATION RELEASE

## Model: 85A300W

Version: 3.0

Issued on: 2024-08-21

### Basic Information

Product Type	QLED 4K TV
Chassis Platform	MT9653 Platform
CPU	64-bit A73*4 @1.39GHz max
GPU	G52(2EE)MP2, 550Mhz
OS	Google TV
RAM	DDR4-3200: 3G Bytes
Storage	eMMC5.1 64G Bytes
UI Style	Amati UI
Launcher Homepages Show	Google Play, Featured Apps, Source, etc.
OSD Language	English, Vietnamese, Thai, Chinese, Russian, Arabic, Traditional Chinese, Indonesian, France, Spanish(LatinAmerica), Farsi, Mongol, Uzbek, Hebrew, Malay, Portuguese, Burmese, etc.
TV System	ATV: PAL/BG DTV: DVB-T
AV System	PAL, NTSC
HDMI & HDCP Version	HDMI2.0&HDMI2.1, HDCP1.4 & HDCP2.2
HDR	HDR10+, Dolby Vision IQ
Power Supply	AC 100V-240V 50/60Hz
Power Consumption (TV On)	260W
Power Consumption (Standby)	< 0.5W
ECO Energy Efficiency	Yes
Certification	CE, Dolby Atmos, Dolby Vision IQ, HDMI, DTS-X, Freesync Premium CTS (Google Official Certification), Netflix
Internet Link	2.4GHz/5GHz 802.11 a/b/g/n/ac(WiFi5) Ethernet Network (RJ45)
Bluetooth	Bluetooth 5.0
LED Indicator	Standby indicator (1-LED, white)

### Sound

Intelligent Sound	Adaptive Content(on,off)
Speakers	Integrated Speaker Boxes
Audio Power Output (THD=7%)	2x10W
Dolby Atmos	On, Off
Sound Preset	Dynamic, Standard, Movie, Music, Voice, Game, Sport
Audio Delay	0~1000
TV Placement	Stand, Wall mount, Floor Standing
Balance	-50~50
Auto Volume Control	On, Off
Digital Audio Out	Pass through, PCM, Auto, Off
DTS DRC	On, Off
Special Feature	DTS Virtual X & Dolby Atmos Audio System

### Panel Specification

Backlight Type	ELED
Panel Supplier (Open Cell)	CSOT
Aspect Ratio	16:9
Panel Active Size (Inch)	84.5
Display Resolution	3840*2160
Brightness (cd/m2)	350/450nit
Contrast Ratio (Open Cell)	5000:1 (typ.)
Response Time (G to G) (ms)	6.5 (typ.)
Viewing Angle (H/V) (Open Cell)	178°/178° (typ.)
Life Time (hrs)	30,000 (typ.)
Color	1.07G (8 bit + FRC), Quantum Dots
Refresh Rate (Hz)	120 ;VRR~144Hz;DLG 240Hz
Color gamut	typ 93% DCI-P3
White Uniformity (Brightness)	≥70%

### Basic Function

Google Assistant	Voice input via remote control.
Initial Setup	Yes, for user setting in TV first start-up.
Instant Power On	A special standby mode for start-up in shorter time.
Bluetooth	Yes, for external bluetooth speaker/soundbar.
Channels Edit	Yes, for TV channel renaming.
Input Setting	For input source device name choice and edit.
Input Method	T-IME, Gboard, Virtual Remote Keyboard
System Update	Yes
HDMI CEC	Yes
Audio Language/MTS/NICAM	Yes
PVR/Timeshift	No
EPG	Yes (for DTV programme only)
Subtitle	Yes (for DTV programme only)
Parental Control	Yes (for DTV programme only)
Others	VRR, AISR, AIPQ, AIAQ

### Picture

Intelligent Picture	Adaptive Brightness(on,off), Adaptive Content(on,off) Adaptive Color Temperature(on,off)
Picture Preset	Dynamic, Standard, Smart HDR, Sport, Movie, Game, PC
Backlight (Brightness)	0~100
Colour Saturation	0~100
Auto Format	On, Off
Screen Mode	16:9, 4:3, Cinerama, 14:9 zoom, 16:9 zoom, 16:9 zoom up
Overscan	On, Off
Dynamic Brightness	Off, ECO, Brightness+, Auto
Motion Clear	On, Off
Advanced Settings	Contrast, Black Level, Dynamic Contrast, Black Stretch, Gamma, Color Saturation, Tint, Color Temperature, White Balance, Color Space, RGB Mode, Sharpness, Noise Reduction
Input Lag	10mS @Game Mode
Special Feature	MEMC (120 Hz), 144Hz VRR, DLG 240Hz

### USB Device Media Format

Music	MP3, MKV, WMA, AVI
Picture	JPEG/PNG/BMP/WebP/HEIF codec
Multimedia Video/Audio Decoder	H.264, H.265, MPEG1/2/4, WMV, VC1, VP8, VP9, AV1
Video Format up to	Up to 4K@60Hz
USB Mouse/Key Board	Yes

### Terminals

Back Side

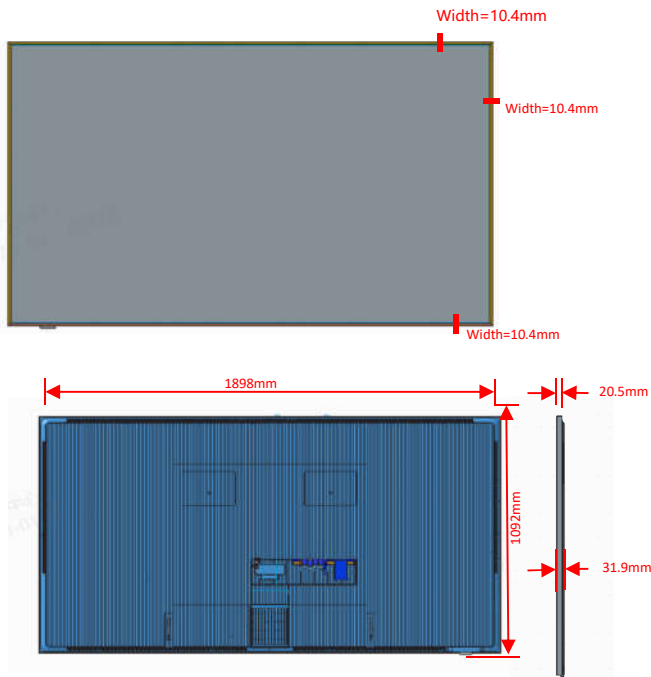


## Featured Application List

Google Play Store	Popular apps and games.
YouTube	Android TV version.
Google Play Games	Game platform of Google Play.
Google Play Movies & TV	Watch Google Play Movies & TV on Android TV.
Chrome Cast	To cast favorite entertainment and apps contents from your phone, tablet or laptop right to TV.
Netflix	Watch TV shows and movies online.
Media Center	Video/Music play for USB device.
Art Gallery	NTXFrame

## Mechanical ID Picture

Unit: mm



## Essential Accessories

Operation Manual	Multi-language
Remote Control and Batteries	RC902N(with 2 batteries)
Wall Mount	Integrated in Package
AC Power Cord	1 pcs
Other	



## Mechanical Key Specification

Carton Dimensions LxWxH (mm)	2060*191*1267
Container Loading--20 feet (pcs)	33 (w/o pallet)
Container Loading--40 feet (pcs)	68(w/o pallet)
Container Loading--40 feet High (pcs)	136(w/o pallet)
Net Weight with Table Stand (Kg)	45.1
Net Weight with Movable Floor Stand (Kg)	54.9
Net Weight without Stand (Kg)	43
Gross Weight with Packaging (Kg)	62

## Material Process

Middle&Bottom Frame	SECC
Deco Frame	AL6063 (Magnet)
Back Cover	PC+ABS (Magnet)
Desk Base Stand (optional)	ADC12

## Desk Base Stand Specifications

Screw Size	M5*18
Screw Quantity (pcs)	6

## Movable Floor Stand Specifications

Screw Size	M5*18
Screw Quantity (pcs)	8

## Wall-Mount VESA

VESA Mounting	WM54A-115
VESA Hole Pattern (mm)	500
Screw Size	M8*16
Screw Quantity (pcs)	2

## Deco Frame

Screw Size	M2.5*7
Screw Quantity (pcs)	2

Correct specifications and appearance depend on the actual model, all specifications are subject to change without prior notice.

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