

Specifications

Diagonal Screen Size		HDR (High Dynamic Range)	
84.5"		Quantum HDR	
Video		Product Type	
QuantumProcessor Lite 4K		QLED	
Refresh Rate		Resolution	
60 Hz		4K (3,840 x 2,160)	

Product Type	QLED
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Series	6
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Display	Screen Size	Refresh Rate
	85"	60 Hz
	Diagonal Screen Size	Resolution
	84.5"	4K (3,840 x 2,160)

Video	Picture Engine	HDR (High Dynamic Range)
	QuantumProcessor Lite 4K	Quantum HDR
	AI Upscale	Compatible with HDR 10+
	4K Upscaling	Yes (ADAPTIVE)
	Contrast	Colour
	Dual LED	100%Color Volume
	Micro Dimming	Film Mode
	Supreme UHD DimmingUHD Dimming	Yes

Motion Technology
Motion Xcelerator

Filmmaker Mode (FMM)
Yes

Smart Calibration
Basic

Audio

Object Tracking Sound
OTS Lite

Sound Output (RMS)
20 W

Multiroom Link
No

Buds Auto Switch
Yes

Q-Symphony
Yes

Speaker Type
2CH

Bluetooth Audio
Yes

Smart Service

Operating System
Tizen™ Smart TV

Built-in Voice Assistant
Alexa

Works with AI Speaker
Alexa, Google Assistant

Samsung Health
Yes

Media Home
Yes

Bixby
Yes

Samsung TV Plus
Yes

SmartThings Hub / Matter Hub / IoT-Sensor Funtionality
Yes

Universal Guide
Yes

Smart Feature

Multi Device Experience
Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View

Ambient Mode
Ambient

Multi-View
upto 2 videos

Game Feature

Auto Game Mode (ALLM)
Yes

Game Motion Plus
Yes

Super Ultra Wide Game View
Yes

Mini Map Zoom
Yes

HGiG
Yes

Gaming Hub
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC/Clear QAM

Analog Tuner
Yes

Connectivity

HDMI
3

USB
2 x USB-A

HDMI (High Frame Rate)
4K 60Hz (for HDMI 1/2/3)

Ethernet (LAN)
1

Digital Audio Out (Optical)
1

RF In (Terrestrial / Cable input / Satellite input)
1/1(Common Use for Terrestrial)/0

Wi-Fi
Yes (Wi-Fi 5)

Bluetooth
Yes (BT5.2)

HDMI Audio Return Channel
eARC/ARC

Design

Design
AirSlim

Bezel Type
3 Bezel-less

Front Colour
BLACK

Stand
NEW SIMPLE STAND

Stand Colour
BLACK

Additional Feature

ConnectShare™
Yes

Accessibility

Accessibility - Voice Guide
US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean

Low Vision Support
Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off

Hearing Impaired Support
Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide

Motor Impaired Support
Slow Button Repeat, Remote Control App. for All

Power & Eco Solution

Eco Sensor
Yes

Power Supply
AC110-120V~ 50/60Hz

Power Consumption (Max)
275 W

Power Consumption (Stand-by)
0.5 W

Power Consumption (Typical)
100 W

Auto Power Off
Yes

Auto Power Saving
Yes

Dimension

Package Size (WxHxD)
2075 x 1237 x 220 mm

Set Size with Stand (WxHxD)
1900.9 x 1123.3 x 345.1 mm

Set Size without Stand (WxHxD)
1900.9 x 1085.7 x 26.9 mm

Stand (Basic) (WxD)
1418.9 x 345.1 mm

Stand (Minimum) (WxD)
1118.9 x 345.1 mm

VESA Spec
600 x 400 mm

Weight

Package Weight
55.3 kg

Set Weight with Stand
42.5 kg

Set Weight without Stand
41.5 kg

Accessory

Remote Controller Model
TM2360E

Slim Wall Mount Compatible
Yes

User Manual
Yes

Full Motion Slim Wall Mount Compatible (Y22)
Yes

SlimFit Cam Compatible

Yes

Zigbee / Thread Module

Built-In

Power Cable

Yes
