

Samsung The Frame LS03B 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: The Frame

Product code:
QE55LS03BGUXZT

Product name : LS03B

Samsung The Frame LS03B. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat, LED backlighting type: Dual LED. Smart TV. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



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THIN
Global No.1 TV



Display		Performance	
Display diagonal *	139.7 cm (55")	AMD FreeSync	✓
HD type *	4K Ultra HD	AMD FreeSync type	FreeSync Premium Pro
Progressive scan	✓	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Display technology *	QLED	Tap view	✓
LED backlighting type	Dual LED	Wireless Dex support	✓
Screen shape *	Flat	Multi View	✓
Native refresh rate	100 Hz	TV sound to mobile device	✓
Display resolution *	3840 x 2160 pixels	ConnectShare (HDD)	✓
Display diagonal (metric)	138 cm	ConnectShare (USB)	✓
Anti-reflective	✓		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	HDMI Quick Switch	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Audio Return Channel (ARC)	✓
Smart TV		Ethernet LAN (RJ-45) ports *	1
Smart TV *	✓	Digital audio optical out	1
Internet TV *	✓	RS-232C ports	1
Operating system installed *	Tizen	RF ports quantity	2
Timeshift	✓	Common interface (CI) *	✓
Screen mirroring	✓	Common interface Plus (CI+) *	✓
Sound mirroring	✓	HDMI ports quantity *	4
Hybrid Broadcast Broadband TV (HbbTV)	✓	PC in (D-Sub) *	✗
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Consumer Electronics Control (CEC)	Anynet+
Smart modes	Filmmaker, Game, Movie	Management features	
TV initiate mirroring	✓	Voice guide	✓
Video apps	Samsung TV Plus	Electronic Programme Guide (EPG)	✓
		On Screen Display (OSD)	✓
		Number of OSD languages	27
		Auto power off	✓

Audio		Management features	
RMS rated power *	40 W	Works with Amazon Alexa	✓
Audio output channels	2.0.2 channels	Works with the Google Assistant	✓
Audio decoders	Dolby Atmos, Dolby Digital	Works with Samsung Bixby	✓
Audio decoding technologies	Dolby Digital Plus	Universal Browse & Play	✓
Audio pre-selection descriptor	✓	Power	
Adaptive sound	✓	Energy efficiency class (SDR) *	G
Q-Symphony	✓	Energy efficiency class (HDR) *	G
Music wall	✓	Energy consumption (SDR) per 1000 hours *	84 kWh
Active voice amplifier (AVA)	✓	Power consumption (typical) *	84.4 W
Adaptive sound+	✓	Energy consumption (HDR) per 1000 hours *	181 kWh
Multiroom	✓	Power consumption (standby) *	0.5 W
Multiroom audio technology	Samsung Multiroom Link	Power consumption (max)	170 W
Enhanced Audio Return Channel (eARC)	✓	AC input voltage	220 - 240 V
Network		AC input frequency	50 - 60 Hz
Wi-Fi *	✓	Energy saving mode	✓
Ethernet LAN *	✓	Energy efficiency scale	A to G
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Brand-specific features	
Wi-Fi Direct	✓	Samsung technologies (AV/TV)	Micro Dimming
Bluetooth *	✓	Technical details	
Bluetooth version	5.0	Picture processing engine	Quantum Processor 4K
Bluetooth Low Energy (BLE)	✓	Weight & dimensions	
Browsing	✓	Width (with stand)	1237.9 mm
Web browser	✓	Depth (with stand)	227.8 mm
HID support	✓	Height (with stand)	743.4 mm
Design		Weight (with stand)	17.3 kg
VESA mounting *	✓	Width (without stand)	1237.9 mm
Panel mounting interface	200 x 200 mm	Depth (without stand)	24.9 mm
Product colour *	Black	Height (without stand)	708.8 mm
Ambient lighting	✓	Weight (without stand)	16.9 kg
Customizable frame	✓	Stand width	89.7 cm
Introduction year	2022	Stand depth	22.8 cm
Stand colour	Black	Packaging data	
Performance		Mounting kit	✓
High Dynamic Range (HDR) supported *	✓	Cables included	AC
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log-Gamma (HLG), Hybrid Log-Gamma Pro (HLG Pro)	Smart Remote included	✓
		Package width	1405 mm
Game mode	✓	Package depth	185 mm
Teletext function	✓	Package height	846 mm
Subtitles function	✓	Package weight	27.2 kg
Ambient light sensor	✓	Other features	
Ambient mode	Yes	Quantum dot color technology	✓
Eco sensor	✓	HGiG mode	✓
Brightness detection	✓	Digital Living Network Alliance (DLNA) certified	✓
Colour detection	✓	One Connect box	✓
AI Upscale	✓	One Connect box type	One Connect (Y22 4K)
Picture processing technology	Samsung Auto Motion Plus, Samsung Real Depth Enhancer	Instant On	✓
Noise reduction *	✓	Smart calibration	✓
Image gallery	✓		
IPv6 support	✓		



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