

Samsung The Frame QE50LS03FAU 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: The Frame

Product code:
QE50LS03FAUXXH

Product name : QE50LS03FAU

Samsung The Frame QE50LS03FAU. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat, LED backlighting type: Dual LED. Smart TV. Motion interpolation technology: Motion Xcelerator, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	127 cm (50")		Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound
HD type *	4K Ultra HD	Game features	
Display technology *	QLED	SmartThings app support	✓
LED backlight	✓	Tap view	✓
LED backlighting type	Dual LED	Multi View	✓
Screen shape *	Flat	TV sound to mobile device	✓
Native aspect ratio *	16:9		
Motion interpolation technology *	Motion Xcelerator		
Native refresh rate	50 Hz		
Display resolution *	3840 x 2160 pixels		
Display diagonal (metric)	125 cm		
Anti-glare screen	✓		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	Audio Return Channel (ARC)	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	PC in (D-Sub) *	✗
Auto channel search	✓	Ethernet LAN (RJ-45) ports	1
		USB 2.0 ports quantity *	3
		Digital audio optical out	1
		RF ports quantity	3
		Common interface (CI) *	✓
		Common interface Plus (CI+) *	✓
		Common interface Plus (CI+) version	1.4
		HDMI ports quantity *	4
		Consumer Electronics Control (CEC)	Anynet+
Smart TV		Management features	
Smart TV *	✓	Voice guide	✓
Internet TV *	✓	Electronic Programme Guide (EPG)	✓
Operating system installed *	Tizen	On Screen Display (OSD)	✓
Apple AirPlay 2 support	✓	Number of OSD languages	28
Sound mirroring	✓	Auto power off	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Works with the Google Assistant	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4		
TV initiate mirroring	✓		
Audio		Power	
Number of speakers *	2	Power consumption (typical) *	69 W
RMS rated power *	20 W	Power consumption (standby) *	0.5 W
Audio decoders	Dolby Atmos	Energy efficiency class (SDR) *	G
Adaptive sound	✓	Energy efficiency class (HDR) *	G
Enhanced Audio Return Channel (eARC)	✓		

Network		Power		
Wi-Fi *	✓	Energy consumption (SDR) per 1000 hours *	69 kWh	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy consumption (HDR) per 1000 hours *	123 kWh	
Bluetooth *	✓	AC input voltage	220-240 V	
Bluetooth version	5.3	AC input frequency	50/60 Hz	
Ethernet LAN *	✓	Energy saving mode	✓	
Web browser	✓	Energy efficiency scale	A to G	
Design		Brand-specific features		
Product colour *	Black	Samsung technologies (AV/TV)	4K AI Upscaling, AI Auto Game Mode, Adaptive Sound Pro, Art Mode, Dolby Atmos®, EyeComfort Mode, Karaoke Mode, Matte Display, Modern Frame Design & Bezel, Object Tracking Sound Lite, One Connect Box, Q-Symphony, Real Depth Enhancer, Samsung SmartThings, Samsung TV Plus, Smart Calibration Pro, Wide Viewing Angle, Works With Google Assistant	
VESA mounting *	✓			
Panel mounting interface	200 x 200 mm			
Introduction year	2025			
Bezel type	VNB (Very Narrow Bezel)			
Stand type	Legs stand			
Stand colour	Black			
Performance		Weight & dimensions		
High Dynamic Range (HDR) technology	Filmmaker Mode, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), Quantum HDR	Width (with stand)		1124.1 mm
Game mode	✓	Depth (with stand)	227.8 mm	
Subtitles function	✓	Height (with stand)	679.2 mm	
Ambient mode	Yes	Weight (with stand)	12.2 kg	
Eco sensor	✓	Width (without stand)	1124.1 mm	
AI Upscale	✓	Depth (without stand)	24.9 mm	
TV key support	✓	Height (without stand)	644.9 mm	
Backlight dimming technology	Supreme UHD Dimming	Weight (without stand)	11.8 kg	
Picture processing technology	NQ4 AI Gen 2 Processor	Stand width	75.7 cm	
High Dynamic Range (HDR) supported *	✓	Stand depth	22.8 cm	
Image gallery	✓	Packaging data		
		Package width	1251 mm	
		Package depth	174 mm	
		Package height	775 mm	
		Package weight	20.9 kg	
		Packaging content		
		Desktop stand	✓	
		Mounting kit	✓	
		Cables included	AC	
		Remote control included	✓	



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