

Samsung The Frame GQ50LS03DAU 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: The Frame

Product code:
GQ50LS03DAUXZG

Product name : GQ50LS03DAU

Samsung The Frame GQ50LS03DAU. 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, Response time: 6 ms, Native aspect ratio: 16:9. Digital signal format system: DVB-T2 HD. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	127 cm (50")	High Dynamic Range (HDR) supported *	✓
HD type *	4K Ultra HD	IPv6 support	✓
Display technology *	QLED	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Gaming Hub, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound
LED backlight	✓		
LED backlighting type	Dual LED		
Screen shape *	Flat	SmartThings app support	✓
Native aspect ratio *	16:9	Adaptive picture	✓
Response time	6 ms	Multi View	✓
Motion interpolation technology *	Motion Xcelerator	Smartphone/tablet remote support	✓
Native refresh rate	50 Hz	USB recording	✓
Display refresh rates supported	120 Hz	ConnectShare (HDD)	✓
Viewing angle, horizontal	89°	ConnectShare (USB)	✓
Viewing angle, vertical	89°	Ports & interfaces	
Display resolution *	3840 x 2160 pixels	HDMI version	2.1
Display diagonal (metric)	125 cm	HDMI Quick Switch	✓
Anti-glare screen	✓	Audio Return Channel (ARC)	✓
TV tuner		PC in (D-Sub) *	✗
Tuner type *	Analog & digital	Ethernet LAN (RJ-45) ports	1
Digital signal format system *	DVB-T2 HD	USB 2.0 ports quantity *	2
Auto channel search	✓	Digital audio optical out	1
Smart TV		RS-232C ports	1
Smart TV *	✓	RF ports quantity	3
Internet TV *	✓	Common interface (CI) *	✓
Operating system installed *	Tizen	Common interface Plus (CI+) *	✓
Timeshift	✓	Common interface Plus (CI+) version	1.4
Apple AirPlay 2 support	✓	HDMI ports quantity *	4
Sound mirroring	✓	Consumer Electronics Control (CEC)	Anynet+
Hybrid Broadcast Broadband TV (HbbTV)	✓	Management features	
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Voice guide	✓
Universal guide	✓	Electronic Programme Guide (EPG)	✓
Video apps	Samsung TV Plus		

Audio		Management features	
Number of speakers *	2	On Screen Display (OSD)	✓
RMS rated power *	20 W	Auto power off	✓
Audio output channels	2.2 channels	Works with Amazon Alexa	✓
Audio decoders	Dolby Atmos	Works with Samsung Bixby	✓
Audio pre-selection descriptor	✓		
Music wall	✓	Power	
Active voice amplifier (AVA)	✓	Power consumption (typical) *	70 W
Adaptive sound+	✓	Power consumption (standby) *	0.5 W
Multiroom	✓	Energy efficiency class (SDR) *	G
Multiroom audio technology	Samsung Multiroom Link	Energy efficiency class (HDR) *	G
Enhanced Audio Return Channel (eARC)	✓	Energy consumption (SDR) per 1000 hours *	70 kWh
Network		Energy consumption (HDR) per 1000 hours *	124 kWh
Wi-Fi *	✓	AC input voltage	220-240 V
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input frequency	50/60 Hz
Bluetooth *	✓	Energy saving mode	✓
Bluetooth version	5.2	Energy efficiency scale	A to G
Ethernet LAN *	✓	Brand-specific features	
Web browser	✓		
Design			
Product colour *	Black		
VESA mounting *	✓	Samsung technologies (AV/TV)	
Panel mounting interface	200 x 200 mm		
Introduction year	2024		
Stand type	Legs stand		
Performance		Weight & dimensions	
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Quantum HDR	Width (with stand)	1124.1 mm
		Depth (with stand)	227.8 mm
Game mode	✓	Height (with stand)	679.2 mm
Teletext function	✓	Weight (with stand)	12.2 kg
Subtitles function	✓	Width (without stand)	1124.1 mm
Eco sensor	✓	Depth (without stand)	24.9 mm
Brightness detection	✓	Height (without stand)	644.9 mm
AI Upscale	✓	Weight (without stand)	11.8 kg
TV key support	✓	Stand width	75.7 cm
Backlight dimming technology	Supreme UHD Dimming	Stand depth	22.8 cm
Picture processing technology	Samsung Auto Motion Plus, Samsung Real Depth Enhancer	Packaging data	
		Package width	1251 mm
		Package depth	174 mm
		Package height	775 mm
		Package weight	20.9 kg
		Package type	Box
		Packaging content	
		Desktop stand	✓
		Mounting kit	✓
		Cables included	AC
		Remote control included	✓
		Other features	
		One Connect port	✓



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