

Samsung S90D 2024 83" OLED 4K HDR Smart TV

Brand : Samsung

Product family: S90D

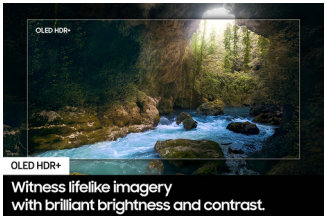
Product code:  
QE83S90DAEXXU

Product name : 2024 83"  
S90D OLED 4K HDR Smart TV

- OLED HDR+: Powerful HDR OLED brightness for lifelike picture detail
- Object Tracking Sound Lite & Dolby Atmos®: Experience sound that moves with the action on-screen
- Motion Xcelerator 144Hz: Experience ultra-smooth TV gaming with up to 4K 144Hz motion
- NQ4 AI Gen2 Processor: Brightness, colour and detail boosted by our most intelligent 4K AI processor

2024 83" S90D OLED 4K HDR Smart TV

Samsung S90D 2024 83" OLED 4K HDR Smart TV. Display diagonal: 2.11 m (83"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator, Native aspect ratio: 16:9. Digital signal format system: DVB-S2, DVB-C, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	2.11 m (83")	AMD FreeSync	✓
HD type *	4K Ultra HD	AMD FreeSync type	FreeSync Premium
Display technology *	OLED	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Bar, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)
Screen shape *	Flat		
Native aspect ratio *	16:9		
Motion interpolation technology *	Motion Xcelerator		
Native refresh rate	100 Hz	4K Ultra HD upscaling	✓
Display refresh rates supported	144 Hz	SmartThings app support	✓
Display resolution *	3840 x 2160 pixels	Tap view	✓
Display diagonal (metric)	209 cm	Adaptive picture	✓
Anti-glare screen	✓	Multi View	✓
TV tuner		Smartphone/tablet remote support	✓
Tuner type *	Analog & digital	USB recording	✓
Digital signal format system *	DVB-S2, DVB-C, DVB-T2	ConnectShare (HDD)	✓
Auto channel search	✓	ConnectShare (USB)	✓
Smart TV		Ports & interfaces	
Smart TV *	✓	Audio Return Channel (ARC)	✓
Internet TV *	✓	PC in (D-Sub) *	✗
Operating system installed *	Tizen	Ethernet LAN (RJ-45) ports	1
Timeshift	✓	USB 2.0 ports quantity *	2
Apple AirPlay 2 support	✓	Digital audio optical out	1
Sound mirroring	✓	RF ports quantity	4
Hybrid Broadcast Broadband TV (HbbTV)	✓	Common interface (CI) *	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Common interface Plus (CI+) *	✓
Smart modes	Game, Movie, Natural	Common interface Plus (CI+) version	1.4
Far-field voice interaction	✓	HDMI ports quantity *	4
TV initiate mirroring	✓	Consumer Electronics Control (CEC)	Anynet+
Universal guide	✓	Management features	
Video apps	Samsung TV Plus	Voice guide	✓
Audio		Electronic Programme Guide (EPG)	✓
Number of speakers *	2	On Screen Display (OSD)	✓
RMS rated power *	40 W	Number of OSD languages	27
Audio output channels	2.1 channels	Auto power off	✓

Audio		Management features	
Audio decoders	Dolby Atmos	Works with Amazon Alexa	✔
Audio pre-selection descriptor	✔	Works with the Google Assistant	✔
Music wall	✔	Works with Samsung Bixby	✔
Active voice amplifier (AVA)	✔	Universal Browse & Play	✔
Multiroom	✔	Power	
Multiroom audio technology	Samsung Multiroom Link	Power consumption (typical) *	150 W
Enhanced Audio Return Channel (eARC)	✔	Power consumption (standby) *	0.5 W
Network		Energy efficiency class (SDR) *	F
Wi-Fi *	✔	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy consumption (SDR) per 1000 hours *	150 kWh
Bluetooth *	✔	Energy consumption (HDR) per 1000 hours *	192 kWh
Bluetooth version	5.2	AC input voltage	220-240 V
Ethernet LAN *	✔	AC input frequency	50/60 Hz
Web browser	✔	Energy saving mode	✔
Design		Energy efficiency scale	A to G
Product colour *	Black	Brand-specific features	
VESA mounting *	✔	Samsung technologies (AV/TV)	Adaptive Sound Pro, Expert Calibration, NQ4 AI Gen2 Processor, Neural Quantum Processor 4K, Q-Symphony, Smart Calibration, Ultra Viewing Angle
Panel mounting interface	300 x 200 mm		
Frameless design	✔		
Introduction year	2024		
Bezel type	4 Bezel-less	Weight & dimensions	
Stand type	Center stand	Width (with stand)	1851 mm
Stand colour	Titanium	Depth (with stand)	359 mm
Performance		Height (with stand)	1133.7 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), OLED HDR+	Weight (with stand)	39.4 kg
Game mode	✔	Width (without stand)	1851 mm
Teletext function	✔	Depth (without stand)	44.9 mm
Ambient light sensor	✔	Height (without stand)	1062.8 mm
Ambient mode	Ambient Mode+	Weight (without stand)	37.6 kg
Eco sensor	✔	Stand width	36.3 cm
Brightness detection	✔	Stand depth	35.9 cm
AI Upscale	✔	Packaging data	
TV key support	✔	Package width	2024 mm
Picture processing technology	Samsung Real Depth Enhancer	Package depth	189 mm
High Dynamic Range (HDR) supported *	✔	Package height	1234 mm
		Package weight	52.1 kg
		Package type	Box
		Packaging content	
		Desktop stand	✔
		Cables included	AC
		Remote control included	✔
		Remote control type	TM2360E + TM1240A



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