

Samsung 65" OLED S90F 4K Vision AI Smart TV (2025)

Brand : Samsung

Product code: QE65S90FATXXU

Product name : 65" OLED S90F 4K Vision AI Smart TV (2025)

- 4K AI Upscaling Pro & NQ4 AI Gen3 Processor<sup>1</sup>: Our best 4K AI processor optimises picture and sound for our ultimate 4K viewing

- OLED Technology with OLED HDR+: Pure blacks and vivid colour expertly balanced for cinematic viewing

- AI Motion Enhancer Pro and Motion Xcelerator 144Hz<sup>7</sup>: AI delivers ultra-smooth motion and virtually no lag or blur for sports and gaming

- Dolby Atmos® with Object Tracking Sound Lite: Immersive surround sound that flows with every action

- LaserSlim Design: An elegantly minimal TV design that's gorgeous to look at, from all sides

65" OLED S90F 4K Vision AI Smart TV (2025)

Samsung 65" OLED S90F 4K Vision AI Smart TV (2025). Display diagonal: 165.1 cm (65"), 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 *	165.1 cm (65")	Tap view	✓
HD type *	4K Ultra HD	Multi View	✓
Display technology *	OLED	Smartphone/tablet remote support	✓
Screen shape *	Flat	Ports & interfaces	
Native aspect ratio *	16:9	Audio Return Channel (ARC)	✓
Motion interpolation technology *	Motion Xcelerator	PC in (D-Sub) *	✗
Native refresh rate	100 Hz	Ethernet LAN (RJ-45) ports	1
Display refresh rates supported	144 Hz	USB 2.0 ports quantity *	2
Display resolution *	3840 x 2160 pixels	Digital audio optical out	1
Display diagonal (metric)	163 cm	RF ports quantity	4
Anti-glare screen	✓	Common interface (CI) *	✓
TV tuner		Common interface Plus (CI+) *	✓
Tuner type *	Analog & digital	Common interface Plus (CI+) version	1.4
Digital signal format system *	DVB-S2, DVB-C, DVB-T2	HDMI ports quantity *	4
Number of tuners	2 tuner(s)	Consumer Electronics Control (CEC)	Anynet+
Auto channel search	✓	Management features	
Smart TV		Voice guide	✓
Smart TV *	✓	Electronic Programme Guide (EPG)	✓
Internet TV *	✓	On Screen Display (OSD)	✓
Operating system installed *	Tizen	Number of OSD languages	27
Apple AirPlay 2 support	✓	Auto power off	✓
Sound mirroring	✓	Works with Amazon Alexa	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Works with the Google Assistant	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4	Works with Samsung Bixby	✓
Far-field voice interaction	✓	Power	
TV initiate mirroring	✓	Power consumption (typical) *	89 W
Universal guide	✓	Power consumption (standby) *	0.5 W
Audio		Energy efficiency class (SDR) *	F
RMS rated power *	40 W	Energy efficiency class (HDR) *	G
Audio output channels	2.1 channels	Energy consumption (SDR) per 1000 hours *	89 kWh
Audio decoders	Dolby Atmos		

Audio		Power	
Audio pre-selection descriptor	✔	Energy consumption (HDR) per 1000 hours *	204 kWh
Enhanced Audio Return Channel (eARC)	✔	AC input voltage	220-240 V
Network		AC input frequency	50/60 Hz
Wi-Fi *	✔	Energy saving mode	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy efficiency scale	A to G
Bluetooth *	✔	Brand-specific features	
Bluetooth version	5.3	Samsung technologies (AV/TV)	4K AI Upscaling, AI Auto Game Mode, AI Energy Mode, Active Voice Amplifier Pro, Adaptive Sound Pro, Auto HDR Remastering, EyeComfort Mode, Karaoke Mode, LaserSlim Design, Object Tracking Sound Lite, Q-Symphony, Smart Calibration, Ultra Viewing Angle
Ethernet LAN *	✔		
Web browser	✔		
Design			
Product colour *	Black		
VESA mounting *	✔	Technical details	
Panel mounting interface	400 x 300 mm	Processor	NQ4 AI Gen3
Introduction year	2025	Weight & dimensions	
Bezel type	4 Bezel-less	Width (with stand)	1444.3 mm
Stand type	Center stand	Depth (with stand)	265.2 mm
Performance		Height (with stand)	896.7 mm
High Dynamic Range (HDR) technology	Filmmaker Mode, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log-Gamma (HLG)	Weight (with stand)	22.5 kg
Game mode	✔	Width (without stand)	1444.3 mm
Ambient mode	Yes	Depth (without stand)	39.9 mm
AI Upscale	✔	Height (without stand)	831.7 mm
TV key support	✔	Weight (without stand)	21.2 kg
Picture processing technology	Samsung Real Depth Enhancer	Stand width	36.6 cm
High Dynamic Range (HDR) supported *	✔	Stand depth	26.5 cm
AMD FreeSync	✔	Packaging data	
AMD FreeSync type	FreeSync Premium Pro	Package width	1617 mm
Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Gaming Hub, Mini Map Zoom, Surround Sound, Ultra Wide Game, Variable Refresh Rate (VRR)	Package depth	160 mm
		Package height	950 mm
		Package weight	29.9 kg
		Packaging content	
SmartThings app support	✔	Desktop stand	✔
		Cables included	AC
		Remote control included	✔
		Remote control type	TM2560E (EU 5 country)(+TM1240A), TM2360E(except 5 country)



8806097097884

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.