

Samsung Q8F 55" QLED 4K Vision AI Smart TV (2025)

Brand : Samsung

Product family: Q8F

Product code:
QE55Q8FAAUXXU

Product name : 55" QLED Q8F
4K Vision AI Smart TV (2025)



- 4K Upscaling & Q4 AI Gen1 Processor : AI brings true-to-life 4K detail to every picture¹
- 100% Colour Volume with True Quantum Dot: A lifelike viewing experience with vivid colour and boosted brightness⁴

- AI Sound: Sound engineered for your space and tailored to your content
- AirSlim: Expertly engineered for a slim and elegant look in any living space
- Quantum HDR+: Incredible detail unveiled with bright colour and rich contrast

55" QLED Q8F 4K Vision AI Smart TV (2025)

Samsung Q8F 55" QLED 4K Vision AI Smart TV (2025). 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. Motion interpolation technology: Motion Xcelerator, Native aspect ratio: 16:9. Digital signal format system: DVB-T2, DVB-C, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Grey

Display		Ports & interfaces	
Display diagonal *	139.7 cm (55")	Audio Return Channel (ARC)	✓
HD type *	4K Ultra HD	Ethernet LAN (RJ-45) ports	1
Display technology *	QLED	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	✓	Digital audio optical out	1
LED backlighting type	Dual LED	RF ports quantity	3
Screen shape *	Flat	Common interface (CI) *	✓
Native aspect ratio *	16:9	Common interface Plus (CI+) *	✓
Motion interpolation technology *	Motion Xcelerator	Common interface Plus (CI+) version	1.4
Native refresh rate	50 Hz	HDMI ports quantity *	3
Display resolution *	3840 x 2160 pixels	Consumer Electronics Control (CEC)	Anynet+
Display diagonal (metric)	138 cm	Management features	
TV tuner		Voice guide	✓
Tuner type *	Analog & digital	Electronic Programme Guide (EPG)	✓
Digital signal format system *	DVB-T2, DVB-C, DVB-S2	On Screen Display (OSD)	✓
Smart TV		Number of OSD languages	27
Smart TV *	✓	Auto power off	✓
Internet TV *	✓	Works with Amazon Alexa	✓
Operating system installed *	Tizen	Works with the Google Assistant	✓
Screen mirroring	✓	Works with Samsung Bixby	✓
Apple AirPlay 2 support	✓	Universal Browse & Play	✓
Sound mirroring	✓	Power	
Hybrid Broadcast Broadband TV (HbbTV)	✓	Power consumption (typical) *	64 W
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4 (IT,GB,DE,CZ,SK,ES,PL,AT,FR,FI,EE,GR,SI,HR,BE,NL,LU,HU,CH,PT,DK,ME)	Power consumption (standby) *	0.5 W
Smart modes	Filmmaker	Power consumption (max)	190 W
Far-field voice interaction	✓	Energy efficiency class (SDR) *	E
TV initiate mirroring	✓	Energy efficiency class (HDR) *	G
Audio		Energy consumption (SDR) per 1000 hours *	64 kWh
RMS rated power *	20 W	Energy consumption (HDR) per 1000 hours *	152 kWh
Audio output channels	2.0 channels	AC input voltage	220-240 V
Audio pre-selection descriptor	✓	AC input frequency	50/60 Hz
Object Tracking Sound+ (OTS+)	✓	Energy saving mode	✓
Active voice amplifier (AVA)	✓	Energy efficiency scale	A to G
Adaptive sound+	✓		
Enhanced Audio Return Channel (eARC)	✓		
Network			
Wi-Fi *	✓		

Network		Brand-specific features	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Samsung technologies (AV/TV)	AirSlim, Contrast Enhancer, Samsung TV Plus, Object Tracking Sound Lite, Auto Game Mode (ALLM), Gaming Hub, Supreme UHD Dimming, Samsung Health, Smart Calibration, Built-in SmartThings Hub, Q-Symphony, 4K Upscaling, Slim Wall Mount Kit Included, Colour Booster Pro, AI Auto Game Mode, Generative Wallpaper, Art Store, EyeComfort Mode
Bluetooth *	✓		
Bluetooth version	5.3		
Ethernet LAN *	✓		
Web browser	✓		
Design		Technical details	
Product colour *	Grey	TV design	AirSlim
VESA mounting *	✓	Processor	Q4 AI Processor
Panel mounting interface	200 x 200 mm	Supported display resolution (HDMI)	4K 60Hz (for HDMI 1/2/3)
Introduction year	2025	Weight & dimensions	
Security update term	31 DECEMBER 2030	Width (with stand)	1232.1 mm
Bezel type	3 Bezel-less	Depth (with stand)	238.6 mm
Slim fit wall mount support	✓	Height (with stand)	768.1 mm
Stand colour	Black	Weight (with stand)	14.3 kg
Performance		Width (without stand)	1232.1 mm
High Dynamic Range (HDR) technology	Quantum HDR+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive)	Depth (without stand)	25.7 mm
Eco sensor	✓	Height (without stand)	708.8 mm
AI Upscale	✓	Weight (without stand)	13.9 kg
Backlight dimming technology	Supreme UHD Dimming	Stand width	91 cm
Picture processing technology	Samsung Contrast Enhancer	Stand depth	23.9 cm
Picture processor	Q4 AI	Packaging data	
High Dynamic Range (HDR) supported *	✓	Manual	✓
Multi View	2	Package width	1369 mm
Game features	Gaming Hub, HGiG, Game Motion Plus, Super Ultra Wide Game View, Mini Map Zoom	Package depth	142 mm
		Package height	819 mm
4K Ultra HD upscaling	✓	Package weight	19.1 kg
Tap view	✓	Package type	Box
Video upscaling	✓	Packaging content	
Multi View	✓	Cables included	AC
		Remote control included	✓
		Remote control type	TM2560E (UK, Italia add TM1240A)
		Other features	
		Annual energy consumption	89 kWh
		HDMI	✓
		Stand	AERO LINEAR
		Picture mode	Filmmaker

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