

Samsung Neo QE55QN85FAUXXH TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product family: Neo

Product code:
QE55QN85FAUXXH

Product name :
QE55QN85FAUXXH

Samsung Neo QE55QN85FAUXXH. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. 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: Silver



Display		Performance	
Display diagonal *	139.7 cm (55")	AMD FreeSync	✓
HD type *	4K Ultra HD	AMD FreeSync type	FreeSync Premium Pro
Display technology *	Neo QLED	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)
LED backlight	✓		
Screen shape *	Flat		
Native aspect ratio *	16:9	Tap view	✓
Motion interpolation technology *	Motion Xcelerator	Video upscaling	✓
Native refresh rate	100 Hz	Multi View	✓
Display refresh rates supported	144 Hz	USB recording	✓
Dynamic contrast ratio marketing name	Quantum Matrix Technology Plus	Ports & interfaces	
Display resolution *	3840 x 2160 pixels	PC in (D-Sub) *	✗
Display diagonal (metric)	138 cm	Ethernet LAN (RJ-45) ports	1
TV tuner		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Tuner type *	Analog & digital	Digital audio optical out	1
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	RF ports quantity	2
Auto channel search	✓	Common interface (CI) *	✓
Smart TV		Common interface Plus (CI+) *	✓
Smart TV *	✓	Common interface Plus (CI+) version	1.4
Internet TV *	✓	HDMI ports quantity *	4
Operating system installed *	Tizen	Consumer Electronics Control (CEC)	Anynet+
Apple AirPlay 2 support	✓	Management features	
Sound mirroring	✓	Voice guide	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Electronic Programme Guide (EPG)	✓
Hybrid Broadcast Broadband TV (HbbTV) version	HbbTV 2.0.4	On Screen Display (OSD)	✓
Far-field voice interaction	✓	Number of OSD languages	27
TV initiate mirroring	✓	Auto power off	✓
Video apps	Samsung TV Plus	Works with Amazon Alexa	✓
Audio		Works with the Google Assistant	✓
RMS rated power *	40 W		

Audio		Management features	
Audio output channels	2.2 channels	Works with Samsung Bixby	✓
Audio decoders	Dolby Atmos	Universal Browse & Play	✓
Sound modes	Adaptive Sound Pro		
Audio pre-selection descriptor	✓		
Adaptive sound	✓		
Object Tracking Sound+ (OTS+)	✓		
Active voice amplifier (AVA)	✓		
Enhanced Audio Return Channel (eARC)	✓		
Network		Power	
Wi-Fi *	✓	Power consumption (typical) *	75 W
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power consumption (standby) *	0.5 W
Bluetooth *	✓	Power consumption (max)	180 W
Bluetooth version	5.3	Energy efficiency class (SDR) *	F
Ethernet LAN *	✓	Energy efficiency class (HDR) *	G
Web browser	✓	Energy consumption (SDR) per 1000 hours *	75 kWh
Design		Energy consumption (HDR) per 1000 hours *	166 kWh
Product colour *	Silver	AC input voltage	220-240 V
VESA mounting *	✓	AC input frequency	50/60 Hz
Panel mounting interface	200 x 200 mm	Energy saving mode	✓
Introduction year	2025	Energy efficiency scale	A to G
Bezel type	3 Bezel-less		
Stand colour	Silver		
Performance		Brand-specific features	
High Dynamic Range (HDR) technology	Filmmaker Mode, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR	Samsung technologies (AV/TV)	4K AI Upscaling, AirSlim, Art Store, Auto HDR Remastering, Built-in SmartThings Hub, EyeComfort Mode, Generative Wallpaper, Karaoke Mode, Multiple Voice Assistants, Object Tracking Sound Lite, Q-Symphony, Quantum Matrix Technology Plus, Samsung Health, Samsung Q-Symphony, Samsung TV Plus, Slim Fit Wall-Mount Compatible, Smart Calibration, Wide Viewing Angle
Game mode	✓		
Eco sensor	✓		
AI Upscale	✓		
TV key support	✓		
Backlight dimming technology	Ultimate UHD Dimming		
Picture processing technology	Samsung Real Depth Enhancer		
Picture processor	NQ4 AI Gen2		
High Dynamic Range (HDR) supported *	✓		
		Weight & dimensions	
		Width (with stand)	1227.6 mm
		Depth (with stand)	247.4 mm
		Height (with stand)	761.2 mm
		Weight (with stand)	18 kg
		Width (without stand)	1227.6 mm
		Depth (without stand)	46.1 mm
		Height (without stand)	706.4 mm
		Weight (without stand)	17 kg
		Stand width	26.4 cm
		Stand depth	24.7 cm
		Packaging data	
		Package width	1352 mm
		Package depth	148 mm
		Package height	813 mm
		Package weight	23.3 kg
		Package type	Box
		Packaging content	
		Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E (UK Add TM1240A)



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