

Samsung Neo QE85QN85FAUXXH TV 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product family: Neo

Product code:
QE85QN85FAUXXH

Product name :
QE85QN85FAUXXH

Samsung Neo QE85QN85FAUXXH. Display diagonal: 2.16 m (85"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat, LED backlighting type: Mini LED PRO. 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 *	2.16 m (85")	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)
HD type *	4K Ultra HD		
Display technology *	Neo QLED		
LED backlight	✓		
LED backlighting type	Mini LED PRO	SmartThings app support	✓
Screen shape *	Flat	Tap view	✓
Native aspect ratio *	16:9	Multi View	✓
Supported video modes	2160p	DVD player	✗
Supported graphics resolutions	3840 x 2160	Ports & interfaces	
Automatic brightness control	✓	PC in (D-Sub) *	✗
Motion interpolation technology *	Motion Xcelerator	USB 2.0 ports quantity *	2
Native refresh rate	100 Hz	Digital audio optical out	1
Display refresh rates supported	100 Hz, 144 Hz	RF ports quantity	1
Dynamic contrast ratio marketing name	Quantum Matrix Technology Plus	Common interface (CI) *	✓
Display resolution *	3840 x 2160 pixels	Common interface Plus (CI+) *	✓
Display diagonal (metric)	214 cm	Common interface Plus (CI+) version	1.4
TV tuner		HDMI ports quantity *	4
Tuner type *	Analog & digital	Consumer Electronics Control (CEC)	Anynet+
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Management features	
Smart TV		Control type	Remote
Smart TV *	✓	Voice guide	✓
Operating system installed *	Tizen	Electronic Programme Guide (EPG)	✓
Apple AirPlay 2 support	✓	On Screen Display (OSD)	✓
Sound mirroring	✓	Number of OSD languages	27
Far-field voice interaction	✓	On Screen Display (OSD) languages	Multi
Audio		Auto power off	✓
RMS rated power *	40 W	Works with Samsung Bixby	✓
Audio output channels	2.2 channels	Power	
Audio decoders	Dolby Atmos	Power consumption (typical) *	135 W
Audio pre-selection descriptor	✓	Power consumption (standby) *	0.5 W

Audio		Power	
Object Tracking Sound+ (OTS+)	✔	Power consumption (max)	340 W
Enhanced Audio Return Channel (eARC)	✔	Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
Network		Energy consumption (SDR) per 1000 hours *	135 kWh
Wi-Fi *	✔	Energy consumption (HDR) per 1000 hours *	329 kWh
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	220 - 240 V
Bluetooth *	✔	AC input frequency	50/60 Hz
Bluetooth version	5.3	Energy saving mode	✔
Ethernet LAN *	✔	Energy efficiency scale	A to G
Web browser	✔		
Design		Brand-specific features	
Product colour *	Silver	Samsung technologies (AV/TV) 4K AI Upscaling, AI Auto Game Mode, Active Voice Amplifier Pro, Adaptive Sound Pro, Art Store, Auto HDR Remastering, Colour Booster Pro, Contrast Enhancer, EyeComfort Mode, Generative Wallpaper, Karaoke Mode, Q-Symphony, Relumino Mode, Samsung Knox, Smart Calibration, Supersize Picture Enhancer, Wide Viewing Angle	
VESA mounting *	✔		
Panel mounting interface	600 x 400 mm		
Introduction year	2025		
Bezel type	3 Bezel-less		
Slim fit wall mount support	✔		
Stand type	Center stand		
Stand colour	Silver		
Performance		Weight & dimensions	
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+	Width (with stand)	1892.4 mm
		Depth (with stand)	366.5 mm
Subtitles function	✔	Height (with stand)	1137.4 mm
		Weight (with stand)	43.6 kg
Eco sensor	✔	Width (without stand)	1892.4 mm
		Depth (without stand)	47 mm
TV key support	✔	Height (without stand)	1082.9 mm
		Weight (without stand)	41.6 kg
Backlight dimming technology	Supreme UHD Dimming	Stand width	37.5 cm
Picture processing technology	Samsung Real Depth Enhancer	Stand depth	36.6 cm
Picture processor	NQ4 AI Gen2	Packaging data	
High Dynamic Range (HDR) supported *	✔	Manual	✔
AMD FreeSync	✔	Package width	2056 mm
		Package depth	178 mm
AMD FreeSync type	FreeSync Premium Pro	Package height	1200 mm
		Package weight	55.6 kg
		Packaging content	
		Cables included	AC
		Remote control included	✔
		Remote control type	TM2360E
		Other features	
		Annual energy consumption	187 kWh



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