

Samsung QE85QN90FATXXU TV 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung
Product code: QE85QN90FATXXU
Product name : QE85QN90FATXXU

- 4K AI Upscaling Pro & NQ4 AI Gen3 Processor¹: Our best 4K AI processor optimises picture and sound for our ultimate 4K viewing
 - Neo Quantum HDR+ with Mini LEDs, now Glare Free⁵: See every detail with bright whites, deep blacks and stunning contrast - glare free
 - AI Motion Enhancer Pro and Motion Xcelerator 165Hz¹²: AI delivers ultra-smooth motion and virtually no lag or blur for sports and gaming
 - Dolby Atmos® with Object Tracking Sound+: Get wrapped up in 8-speaker sound that moves with the action
 - Quantum Matrix Technology Plus: Don't miss a thing with Mini LED technology for a brighter, better picture
- 85" Neo QLED QN90F 4K Vision AI Smart TV (2025)
Samsung QE85QN90FATXXU. Display diagonal: 2.16 m (85"), 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. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	2.16 m (85")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type *	4K Ultra HD	Digital audio optical out	1
Display technology *	Neo QLED	RF ports quantity	1
Screen shape *	Flat	Common interface (CI) *	✓
Motion interpolation technology *	Motion Xcelerator	Common interface Plus (CI+) *	✓
Native refresh rate	120 Hz	HDMI ports quantity *	4
Display refresh rates supported	165 Hz	Consumer Electronics Control (CEC)	Anynet+
Display resolution *	3840 x 2160 pixels	Management features	
Anti-glare screen	✓	Voice control	✓
TV tuner		Electronic Programme Guide (EPG)	✓
Tuner type *	Analog & digital	Auto power off	✓
Smart TV		Works with Amazon Alexa	✓
Smart TV *	✓	Works with the Google Assistant	✓
Internet TV *	✓	Works with Samsung Bixby	✓
Operating system installed *	Tizen	Power	
Operating system version	Tizen	Power consumption (typical) *	122 W
Screen mirroring	✓	Power consumption (standby) *	0.5 W
Apple AirPlay 2 support	✓	Power consumption (max)	390 W
Far-field voice interaction	✓	Energy efficiency class (SDR) *	E
Video apps	Samsung TV Plus	Energy efficiency class (HDR) *	G
Audio		Energy consumption (SDR) per 1000 hours *	122 kWh
RMS rated power *	60 W	Energy consumption (HDR) per 1000 hours *	326 kWh
Audio output channels	4.2.2 channels	Energy saving mode	✓
Sound modes	Adaptive Sound Pro, Surround		
Audio pre-selection descriptor	✓		
Adaptive sound	✓		

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Other features

Brand-specific features

NQ4 AI Gen3 Processor, 4K AI Upscaling Pro, Glare Free, Neo Quantum HDR+, Quantum Matrix Technology Plus, Dolby Atmos® (virtual), NeoSlim Design, AI Motion Enhancer Pro, Object Tracking Sound+, Smart TV powered by Tizen OS*, Gaming Hub, Samsung TV Plus, AI Sound Pro, Motion Xcelerator 165Hz, PANTONE Validated, Samsung Q-Symphony, Samsung Knox Security, SmartThings, Colour Booster Pro, Real Depth Enhancer Pro, Auto HDR Remastering Pro, Supersize Picture Enhancer, AI Auto Game Mode, Game Bar, AI Mode, AI Customisation Mode, SolarCell Remote, Slim Fit Wall-Mount Compatible, FreeSync Premium Pro, SmartThings Calibration Pro, Auto Game Mode (ALLM), AI Energy Mode, Multi View, Multiple Voice Assistants, Samsung Health*



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Catalog Object Cloud



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