Samsung QE75QN90FATXXU TV 190.5 cm (75") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung **Product code:** QE75QN90FATXXU

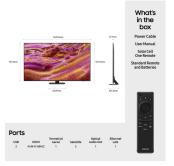
Product name: QE75QN90FATXXU

- 4K Al Upscaling Pro & NQ4 Al Gen3 Processor 1 : Our best 4K Al 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
- Al Motion Enhancer Pro and Motion Xcelerator $165 Hz^{12}$: Al 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

75" Neo QLED QN90F 4K Vision AI Smart TV (2025)

Samsung QE75QN90FATXXU. Display diagonal: 190.5 cm (75"), 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 * HD type *	190.5 cm (75") 4K Ultra HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display technology *	Neo QLED	Digital audio optical out	1
Screen shape *	Flat	RF ports quantity	1
Motion interpolation technology *	Motion Xcelerator	Common interface (CI) *	1
Native refresh rate	120 Hz	Common interface Plus (CI+) *	1
Display refresh rates supported	165 Hz	HDMI ports quantity *	4
Display resolution *	3840 x 2160 pixels	Consumer Electronics Control (CEC)	Anynet+
Anti-glare screen	✓	Management features	
TV tuner		Voice control	1
Tuner type *	Analog & digital	Electronic Programme Guide (EPG)	✓
Smart TV		Auto power off	✓
Smart TV *	✓	Works with Amazon Alexa	✓
Internet TV *	✓	Works with the Google Assistant	✓
Operating system installed *	Tizen	Works with Samsung Bixby	✓
Operating system version	Tizen	Power	
Screen mirroring	•	Power consumption (typical) *	101 W
Apple AirPlay 2 support	✓	Power consumption (standby) *	0.5 W
Far-field voice interaction	✓	Power consumption (max)	315 W
Video apps	Samsung TV Plus	Energy efficiency class (SDR) *	E
Audio		Energy efficiency class (HDR) *	G
RMS rated power *	60 W	Energy consumption (SDR) per 1000 hours *	101 kWh
Audio output channels Sound modes	4.2.2 channels	Energy consumption (HDR) per	253 kWh
	Adaptive Sound Pro, Surround	1000 hours *	
Audio pre-selection descriptor	✓	Energy saving mode	✓
Adaptive sound	✓		

Audio		Brand-specific features	
Q-Symphony	✓		4K AI Upscaling Pro, Al Auto Game
Active voice amplifier (AVA)	·		Mode, Al Customisation Mode, Al
Enhanced Audio Return Channel	•		Energy Mode, Al Mode, Al Motion Enhancer Pro, Al Sound Pro, Auto
(eARC)	✓		Game Mode (ALLM), Auto HDR
Audio system	Dolby Atmos		Remastering Pro, Colour Booster Pro, Dolby Atmos®, FreeSync
Network			Premium Pro, Game Bar, Gaming Hub, Motion Xcelerator 165Hz,
Wi-Fi *	✓	Samsung technologies (AV/TV) Samsung technologies (AV/TV) HDR+ Track Valida Techn Enhar	Multiple Voice Assistants, NQ4 Al Gen3 Processor, Neo Quantum HDR+, NeoSlim Design, Object Tracking Sound PLUS, PANTONE Validated, Quantum Matrix Technology Plus, Real Depth Enhancer Pro, Samsung Health,
Bluetooth *	✓		
Bluetooth version	5.3		
Ethernet LAN *	•		
Miracast	×		
Design			Samsung Knox Security, Samsung Multi View, Samsung Q-Symphony,
Product colour *	Black		Samsung TV Plus, Slim Fit Wall-
Colour name	Titan Black		Mount Compatible, Smart TV powered by Tizen, SmartThings,
VESA mounting *	✓		SmartThings Calibration Pro,
Panel mounting interface	400 x 400 mm		SolarCell Remote, Supersize Picture Enhancer
Introduction year	2025	Technical details	
Bezel type Mini wall mount support	4 Bezel-less		Dolby Atmos, Q-Symphony, OTS+,
Stand type	A Hexagon stand	Sound technology	Surround, 360 Audio, Adaptive Sound Pro, Active Voice Amplifier Pro
Stand colour	Black	Sound teermology	
Performance		Processor	NQ4 Al Gen3 Processor
High Dynamic Range (HDR)	LIDD 10 L Mar Overston LIDD	Weight & dimensions	
technology	HDR 10+, Neo Quantum HDR	Width (with stand)	1670 mm
Game mode	✓	Depth (with stand)	301.2 mm
Subtitles function	✓	Height (with stand)	1017.2 mm
High Dynamic Range (HDR)	✓	Weight (with stand)	39.7 kg
supported * AMD FreeSync	./	Width (without stand)	1670 mm
AND FreeSync	Auto Low Latency Mode (ALLM),	Depth (without stand) Height (without stand)	27.7 mm 957.4 mm
Game features	Game Bar, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh	Weight (without stand)	34.1 kg
		Packaging data	5g
4K Illtra IID unag-!:	Rate (VRR)	Manual Package weight	√ 50.2 kg
4K Ultra HD upscaling	√	Package width	1884 mm
Auto standby	V	Package depth	191 mm
SmartThings app support	✓	Package height	1118 mm
Ports & interfaces		Package weight	50.2 kg
Audio Return Channel (ARC)	✓	Packaging content	
Ethernet LAN (RJ-45) ports	1	Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E (UK, Italia add TM1240A)
		Smart Remote included	✓
		Other features	
		Annual energy consumption	140 kWh
		Aerial input	DVB-T2CS2 x2
		HDMI	✓
		Country of origin	Slovakia
		Mains power	✓
		Stand	SHARP NECK HEXAGON

Other features

Brand-specific features

NQ4 Al Gen3 Processor, 4K Al Upscaling Pro, Glare Free, Neo Quantum HDR+, Quantum Matrix Technology Plus, Dolby Atmos® (virtual), NeoSlim Design, Al Motion Enhancer Pro, Object Tracking Sound+, Smart TV powered by Tizen OS*, Gaming Hub, Samsung TV Plus, Al 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, Al Auto Game Mode, Game Bar, Al Mode, Al 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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