

Samsung QE50QN90DATXXU TV 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: QE50QN90DATXXU

Product name : QE50QN90DATXXU

- Wide Viewing Angle with Anti-Reflection Screen: Experience the brilliant picture from every angle, with minimised glare

- Object Tracking Sound Lite & Dolby Atmos®: Experience sound that moves with the action on-screen

- Motion Xcelerator 144Hz: Experience ultra-smooth TV gaming with up to 4K 144Hz motion

- NQ4 AI Gen2 Processor: Brightness, colour and detail boosted by our most intelligent 4K AI processor

2024 50" QN90D Neo QLED 4K HDR Smart TV

Samsung QE50QN90DATXXU. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. Smart TV. Wi-Fi, Ethernet LAN.

Product colour: Black



Display		Performance	
Display diagonal *	127 cm (50")	USB playback	✓
HD type *	4K Ultra HD	Ports & interfaces	
Display technology *	Neo QLED	HDMI version	2.1
Screen shape *	Flat	Audio Return Channel (ARC)	✓
Display resolution *	3840 x 2160 pixels	Ethernet LAN (RJ-45) ports	1
TV tuner		Digital audio optical out	1
Tuner type *	Analog & digital	RF ports quantity	1
Auto channel search	✓	Common interface (CI) *	✓
Smart TV		Common interface Plus (CI+) *	✓
Smart TV *	✓	HDMI ports quantity *	4
Operating system installed *	Tizen	Management features	
Screen mirroring	✓	Voice control	✓
Apple AirPlay 2 support	✓	Electronic Programme Guide (EPG)	✓
Video apps	All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, DAZN, Disney+, Google TV, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, YouTube	Auto power off	✓
		Sleep timer	✓
		Works with Amazon Alexa	✓
Music apps	Amazon Music, Apple Music, BBC Sounds, Spotify	Works with the Google Assistant	✓
Sports apps	BT Sport	Works with Samsung Bixby	✓
Lifestyle apps	TikTok	Power	
Audio		Power consumption (typical) *	61 W
Number of speakers *	2	Power consumption (standby) *	0.5 W
RMS rated power *	40 W	Power consumption (max)	175 W
Audio output channels	2.2 channels	Energy efficiency class (SDR) *	F
Audio decoders	Dolby Atmos, Dolby Digital	Energy efficiency class (HDR) *	G
Sound modes	Game, Movie	Energy consumption (SDR) per 1000 hours *	61 kWh
Enhanced Audio Return Channel (eARC)	✓	Energy consumption (HDR) per 1000 hours *	133 kWh
Audio system	Dolby Atmos	Energy saving mode	✓
		Technical details	
		Sound technology	Dolby Atmos

Network		Technical details	
Wi-Fi *	✓	Processor	NQ4 AI Gen2 Processor
Bluetooth *	✓	Weight & dimensions	
Bluetooth version	5.2	Width (with stand)	1113.6 mm
Ethernet LAN *	✓	Depth (with stand)	220 mm
Miracast	✗	Height (with stand)	705.4 mm
Design		Weight (with stand)	17.6 kg
Product colour *	Black	Width (without stand)	113.6 mm
VESA mounting *	✓	Depth (without stand)	26.9 mm
Panel mounting interface	200 x 200 mm	Height (without stand)	644.1 mm
Stand type	Hexagon stand	Weight (without stand)	13.5 kg
Performance		Other features	
High Dynamic Range (HDR) technology	HDR 10+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Aerial input	DVB-T2CS2
Subtitles function	✓	Stand	SHARP NECK HEXAGON
Dolby Vision	✗	Smart TV applications	SmartThings
Ambient light sensor	✓	Analogue tuner	✓
High Dynamic Range (HDR) supported *	✓	DVB-T2 tuner	✓
AMD FreeSync	✓		
NVIDIA G-SYNC	✗		
4K Ultra HD upscaling	✓		
Auto standby	✓		
Parental control	✓		
USB recording	✓		



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