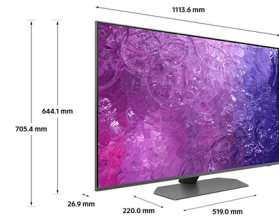


Samsung QE50QN90CATXXU TV 127 cm (50") 4K Ultra HD Smart TV Wi-Fi

Brand : Samsung

Product code: QE50QN90CATXXU

Product name : QE50QN90CATXXU



- Powered by Quantum Dot for a naturally bright and colourful picture
- Precisely controlled Mini LEDs create an incredibly sharp picture
- 4K 144Hz TV motion for gaming-monitor performance
- Brightness, colour and detail boosted by our most intelligent AI-powered 4K processor
- Virtual surround sound with Dolby Atmos technology

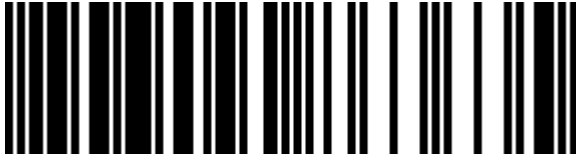
2023 50" QN90C Neo QLED 4K HDR Smart TV

Samsung QE50QN90CATXXU. Display diagonal: 127 cm (50"), HD type: 4K Ultra HD, Display technology: QLED. Smart TV. Contrast ratio (typical): 16:9, Native aspect ratio: 16:9. Wi-Fi



Display		Ports & interfaces	
Display diagonal *	127 cm (50")	HDMI ports quantity *	4
HD type *	4K Ultra HD	Management features	
Display technology *	QLED	Voice control	✓
Native aspect ratio *	16:9	Electronic Programme Guide (EPG)	✓
Contrast ratio (typical) *	16:9	Auto power off	✓
Contrast ratio (dynamic)	16:9	Sleep timer	✓
TV tuner		Works with Amazon Alexa	✓
Tuner type *	Analog & digital	Works with the Google Assistant	✓
Auto channel search	✓	Works with Samsung Bixby	✓
Smart TV		Power	
Smart TV *	✓	Power consumption (standby) *	0.5 W
Operating system installed *	Tizen	Energy saving mode	✓
Operating system version	Tizen	Technical details	
Screen mirroring	✓	Sound technology	Dolby atmos
Apple AirPlay 2 support	✓	Processor	Neural Quantum Processor 4K
Video apps	All 4, Apple TV, BBC iPlayer, BritBox, Catch-up TV, Disney+, Google TV, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, YouTube	Weight & dimensions	
Music apps	Amazon Music, Apple Music, BBC Sounds, Spotify	Width (with stand)	1113.6 mm
Sports apps	BT Sport	Depth (with stand)	220 mm
Lifestyle apps	TikTok	Height (with stand)	705.4 mm
Audio		Weight (with stand)	17.6 kg
Number of speakers *	4	Width (without stand)	1113.6 mm
RMS rated power *	40 W	Depth (without stand)	26.9 mm
Audio decoders	Dolby Atmos	Height (without stand)	644.1 mm
Sound modes	Game, Movie	Weight (without stand)	13.5 kg
Enhanced Audio Return Channel (eARC)	✓	Stand width	51.9 cm
Audio system	Dolby Atmos	Stand depth	22 cm
		Packaging data	
		Screws included	✓
		Quick start guide	✓
		Manual	✓

Network		Packaging data	
Wi-Fi *	✓	Package width	1317 mm
Bluetooth *	✓	Package depth	140 mm
Miracast	✗	Package height	767 mm
Design		Package weight	22.5 kg
VESA mounting *	✓	Packaging content	
Panel mounting interface	200 x 200 mm	Mounting kit	✗
Stand type	Hexagon stand	Remote control included	✓
Performance		Remote control type	TM2360E+TM1240A
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Smart Remote included	✓
Game mode	✓	Other features	
Subtitles function	✓	Hybrid Log-Gamma (HLG)	✓
Dolby Vision	✗	3D	✗
Ambient light sensor	✓	Motion control	✗
Backlight dimming technology	Local Dimming	Annual energy consumption	90 kWh
High Dynamic Range (HDR) supported *	✓	Aerial input	DVB-T2CS2 x 2
AMD FreeSync	✓	HDMI	✓
NVIDIA G-SYNC	✗	Country of origin	Slovakia
4K Ultra HD upscaling	✓	Dimensions (W x D x H) with stand	1113.6 x 220 x 705.4 mm
Auto standby	✓	Mains power	✓
Parental control	✓	Stand	Carbon Silver Sharp Neck Hexagon
USB recording	✓	Picture mode	Film, filmmaker
USB playback	✓	Smart TV applications	SmartThings
Ports & interfaces		Analogue tuner	✓
HDMI version	2.1	DVB-T2 tuner	✓
Audio Return Channel (ARC)	✓	Dimensions (with stand) (WxHxD)	1113.6 x 705.4 x 220 mm
Ethernet LAN (RJ-45) ports	1	News apps	BBC
Digital audio optical out	1	Stand weight	4.1 kg
RF ports quantity	1		
Common interface (CI) *	✓		
Common interface Plus (CI+) *	✓		



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