SAMSUNG

Samsung QE55QN90DATXXU TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product name : QE55QN90DATXXU

Product code: QE55QN90DATXXU

- Ultra Viewing Angle with Anti-Reflection Screen: Experience the brilliant picture from every angle, with minimised glare
- Object Tracking Sound Plus & Dolby Atmos®: Immersive sound that follows the action on screen with 8 TV speakers
- 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 55" QN90D Neo QLED 4K HDR Smart TV
Samsung QE55QN90DATXXU. Display diagonal: 139.7 cm (55"), 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
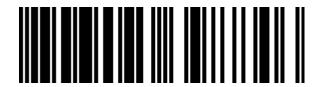
Display	
Display diagonal *	139.7 cm (55")
HD type *	4K Ultra HD
Display technology *	Neo QLED
Screen shape *	Flat
Display resolution *	3840 x 2160 pixels

TV tuner	
Tuner type *	Analog & digital
Auto channel search	✔

Smart TV	
Smart TV *	✔
Operating system installed *	Tizen
Operating system version	Tizen
Screen mirroring	✔
Apple AirPlay 2 support	✔
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
Music apps	Amazon Music, Apple Music, BBC Sounds, Spotify
Sports apps	BT Sport
Lifestyle apps	TikTok

Audio	
Number of speakers *	2
RMS rated power *	60 W
Audio output channels	4.2.2 channels
Audio decoders	Dolby Atmos, Dolby Digital
Sound modes	Game, Movie
Enhanced Audio Return Channel (eARC)	✔
Audio system	Dolby Atmos

Management features	
Voice control	✔
Electronic Programme Guide (EPG)	✔
Auto power off	✔
Sleep timer	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✔

Power	
Power consumption (typical) *	77 W
Power consumption (standby) *	0.5 W
Power consumption (max)	225 W
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	77 kWh
Energy consumption (HDR) per 1000 hours *	174 kWh
Energy saving mode	✔

Technical details	
Sound technology	Dolby Atmos
Processor	NQ4 AI Gen2 Processor

Weight & dimensions	
Width (with stand)	1227.4 mm
Depth (with stand)	237 mm
Height (with stand)	768.2 mm
Weight (with stand)	20.6 kg
Width (without stand)	1227.4 mm
Depth (without stand)	26.9 mm
Height (without stand)	705.6 mm
Weight (without stand)	17.7 kg

Packaging data	
Package width	1448 mm

Network

Wi-Fi *	✔
Bluetooth *	✔
Bluetooth version	5.2
Ethernet LAN *	✔
Miracast	✘

Design

Product colour *	Black
VESA mounting *	✔
Panel mounting interface	200 x 200 mm
Stand type	Hexagon stand

Performance

High Dynamic Range (HDR) technology	HDR 10+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)
Subtitles function	✔
Dolby Vision	✘
Ambient light sensor	✔
High Dynamic Range (HDR) supported *	✔
AMD FreeSync	✔
NVIDIA G-SYNC	✘
4K Ultra HD upscaling	✔
Auto standby	✔
Parental control	✔
USB recording	✔
USB playback	✔

Ports & interfaces

HDMI version	2.1
Audio Return Channel (ARC)	✔
Ethernet LAN (RJ-45) ports	1
Digital audio optical out	1
RF ports quantity	1
Common interface (CI) *	✔
Common interface Plus (CI+) *	✔
HDMI ports quantity *	4

Packaging data

Package depth	170 mm
Package height	826 mm
Package weight	26.2 kg

Packaging content

Mounting kit	✔
Remote control included	✔
Remote control type	TM2360E
Smart Remote included	✔

Other features

Hybrid Log-Gamma (HLG)	✔
3D	✘
Motion control	✘
Annual energy consumption	107 kWh
Aerial input	DVB-T2CS2 x 2
HDMI	✔
Country of origin	Slovakia
Dimensions (W x D x H) with stand	1277.4 x 237 x 768.2 mm
Mains power	✔
Stand	SHARP NECK HEXAGON
Picture mode	Film, filmmaker
Smart TV applications	SmartThings
Analogue tuner	✔
DVB-T2 tuner	✔
Dimensions (with stand) (WxHxD)	1277.4 x 768.2 x 237 mm

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