SAMSUNG

Samsung QE65QN900FTXXU TV 165.1 cm (65") 8K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: QE65QN900FTXXU

Product name : QE65QN900FTXXU

- 8K AI Upscaling & NQ8 AI Gen2 Processor: Powerful AI transforms your content into 8K, regardless of the content[1]
- Neo Quantum HDR 8K Pro now Glare Free: See every detail with our brightest whites, deep blacks and cutting contrast - glare free[5]
- Dolby Atmos® with Object Tracking Sound+: Get wrapped up in 8-speaker sound that moves with the action
- Metal Frame Design & Art Store: Elegantly framed with Art Store for striking display - on or off
- AI Motion Enhancer Pro and Motion Xcelerator 165Hz[11]: AI delivers ultra-smooth motion and virtually no lag or blur for sports and gaming
65" Neo QLED QN900F 8K Vision AI Smart TV (2025)
Samsung QE65QN900FTXXU. Display diagonal: 165.1 cm (65"), Display resolution: 7680 x 4320 pixels, HD type: 8K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator. Wi-Fi, Ethernet LAN. Product colour: Black
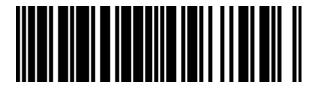
Display

Display diagonal *	165.1 cm (65")
HD type *	8K Ultra HD
Display technology *	Neo QLED
Screen shape *	Flat
Motion interpolation technology *	Motion Xcelerator
Native refresh rate	100 Hz
Display refresh rates supported	165 Hz
Display resolution *	7680 x 4320 pixels
Anti-glare screen	✔

TV tuner

Tuner type *	Analog & digital

Smart TV

Smart TV *	✔
Internet TV *	✔
Operating system installed *	Tizen
Operating system version	Tizen
Screen mirroring	✔
Apple AirPlay 2 support	✔
Far-field voice interaction	✔
Video apps	Samsung TV Plus

Audio

RMS rated power *	70 W
Audio output channels	4.2.2 channels
Sound modes	Adaptive Sound Pro, Surround
Adaptive sound	✔
Q-Symphony	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Digital audio optical out	1
RF ports quantity	1
Common interface (CI) *	✔
Common interface Plus (CI+) *	✔
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	Anynet+

Management features

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

Power

Power consumption (typical) *	109 W
Power consumption (standby) *	0.5 W
Power consumption (max)	450 W
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	109 kWh
Energy consumption (HDR) per 1000 hours *	324 kWh
Energy saving mode	✔

Audio

Active voice amplifier (AVA)	✔
Enhanced Audio Return Channel (eARC)	✔
Audio system	Dolby Atmos

Network

Wi-Fi *	✔
Bluetooth *	✔
Bluetooth version	5.3
Ethernet LAN *	✔
Miracast	✘

Design

Product colour *	Black
Colour name	Titan Black
VESA mounting *	✔
Panel mounting interface	400 x 300 mm
Introduction year	2025
Mini wall mount support	✔
Stand type	Legs stand
Stand colour	Black

Performance

High Dynamic Range (HDR) technology	HDR 10+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR 8K Pro
Game mode	✔
Subtitles function	✔
High Dynamic Range (HDR) supported *	✔
AMD FreeSync	✔
Game features	Auto Low Latency Mode (ALLM), Game Bar, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)
4K Ultra HD upscaling	✔
SmartThings app support	✔

Ports & interfaces

Audio Return Channel (ARC)	✔
Ethernet LAN (RJ-45) ports	1

Brand-specific features

Samsung technologies (AV/TV)	8K AI Upscaling, AI Auto Game Mode, AI Customisation Mode, AI Energy Mode, AI Mode, AI Motion Enhancer, AI Sound Pro, Auto Game Mode (ALLM), Auto HDR Remastering, Colour Booster Pro, Dolby Atmos®, FreeSync Premium Pro, Game Bar, Gaming Hub, Generative Wallpaper, Metal Frame Design, Motion Xcelerator 165Hz, Multi View (up to 4), Multiple Voice Assistants, NQ8 AI Gen2 Processor, Neo Quantum HDR 8K PRO, Object Tracking Sound PLUS, PANTONE Validated, Quantum Matrix Technology Pro, Real Depth Enhancer Pro, Samsung Health, Samsung Knox Security, Samsung Q-Symphony, Samsung TV Plus, Slim Fit Wall-Mount Compatible, Smart TV powered by Tizen, SmartThings, SmartThings Calibration Pro, SolarCell Remote, Supersize Picture Enhancer, True 8K Resolution, Universal Gesture

Technical details

Sound technology	Dolby Atmos, OTS+, Q-Symphony, Adaptive Sound Pro, 360 Audio, Active Voice Amplifier Pro, Surround
Processor	NQ8 AI Gen2 Processor

Weight & dimensions

Width (with stand)	1455.3 mm
Depth (with stand)	256.8 mm
Height (with stand)	867.4 mm
Weight (with stand)	25.9 kg
Width (without stand)	1455.3 mm
Depth (without stand)	37.8 mm
Height (without stand)	830.3 mm
Weight (without stand)	25.5 kg

Packaging data

Manual	✔
Package weight	33 kg
Package width	1600 mm
Package depth	164 mm
Package height	933 mm
Package weight	33 kg

Packaging content

Cables included	AC
Remote control included	✔
Remote control type	TM2360E (UK, Italy Add TM1240A)
Smart Remote included	✔

Other features

Annual energy consumption	151 kWh
Aerial input	DVB-T2CS2 x2
HDMI	✔
Country of origin	Slovakia
Stand	Round Feet

Other features

Brand-specific features	NQ8 AI Gen2 Processor, 8K AI Upscaling, Glare Free, Neo Quantum HDR 8K Pro*, Quantum Matrix Technology PRO, Dolby Atmos®, Metal Frame Design, AI Motion Enhancer, Object Tracking Sound+, Motion Xcelerator 165Hz, PANTONE Validated, Samsung Q-Symphony, Smart TV powered by Tizen OS*, Gaming Hub, AI Sound Pro, Samsung TV Plus, Samsung Knox Security, SmartThings, Colour Booster Pro, Real Depth Enhancer Pro, Auto HDR Remastering, True 8K Resolution, Supersize Picture Enhancer, AI Auto Game Mode, Game Bar, AI Mode, AI Customisation Mode, SolarCell Remote, Slim Fit Wall-Mount Compatible, FreeSync Premium Pro, Universal Gesture, Generative Wallpaper, SmartThings Calibration Pro, Auto Game Mode (ALLM), AI Energy Mode, Multi View (up to 4), Multiple Voice Assistants, Samsung Health*

8806097097556

Catalog Object Cloud