SAMSUNG

Samsung 2024 75" QN900D Flagship Neo QLED 8K HDR Smart TV

Brand : Samsung

Product code: QE75QN900DTXXU

Product name : 2024 75" QN900D Flagship Neo QLED
8K HDR Smart TV

- NQ8 AI Gen3 Processor: Our most intelligent AI-powered processor yet upscales everything you watch into breath-taking 8K resolution
- Infinity Air Design with One Connect Box: Edge-to-edge cinematic viewing, beyond boundaries
- Object Tracking Sound Pro & Dolby Atmos®: Cinematic sound that follows the action on screen with 12 TV speakers
- Neo Quantum HDR 8K PRO: Our brightest TV for a life-like picture, with spectacular depth and detail
2024 75" QN900D Flagship Neo QLED 8K HDR Smart TV
Samsung 2024 75" QN900D Flagship Neo QLED 8K HDR Smart TV. Display diagonal: 190.5 cm (75"),
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, Native aspect ratio: 16:9.
Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display

Display diagonal *	190.5 cm (75")
HD type *	8K Ultra HD
Display technology *	Neo QLED
Screen shape *	Flat
Native aspect ratio *	16:9
Supported graphics resolutions	7680 x 4320
Motion interpolation technology *	Motion Xcelerator
Native refresh rate	100 Hz
Dynamic contrast ratio marketing name	Quantum Matrix Technology Pro
Display resolution *	7680 x 4320 pixels
Display diagonal (metric)	189 cm

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S2, DVB-T2

Smart TV

Smart TV *	✓
Internet TV *	✓
Operating system installed *	Tizen
Sound mirroring	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3
Far-field voice interaction	✓
TV initiate mirroring	✓

Audio

RMS rated power *	90 W
Audio decoders	Dolby Atmos
Sound modes	Dynamic, Game, Surround
Audio pre-selection descriptor	✓
Adaptive sound	✓
Multiroom	✗
Enhanced Audio Return Channel (eARC)	✓

Performance

High Dynamic Range (HDR) supported *	✓
AMD FreeSync	✓
AMD FreeSync type	FreeSync Premium Pro
Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)
SmartThings app support	✓

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
Audio (L/R) out	1
RF ports quantity	1
Common interface (CI) *	✓
Common interface Plus (CI+) *	✓
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	Anynet+

Management features

Voice guide	✓
Electronic Programme Guide (EPG)	✓
On Screen Display (OSD)	✓
Number of OSD languages	27
Auto power off	✓
Works with the Google Assistant	✓
Works with Samsung Bixby	✓
Universal Browse & Play	✓

Power

Power consumption (typical) *	137 W
Power consumption (standby) *	0.5 W
Power consumption (max)	430 W
Energy efficiency class (SDR) *	G

Network

Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Bluetooth *	✔
Bluetooth version	5.3
Ethernet LAN *	✔
Web browser	✔

Design

Product colour *	Black
VESA mounting *	✔
Panel mounting interface	400 x 300 mm
Introduction year	2024
Bezel type	Zero Bezel
Stand colour	Grey

Performance

High Dynamic Range (HDR) technology	Filmmaker Mode, HDR 10+
Game mode	✔
Ambient mode	Ambient Mode+
Eco sensor	✔
AI Upscale	✔
Picture processing technology	Samsung Real Depth Enhancer Pro
Picture processor	NQ8 AI Gen3

Power

Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	137 kWh
Energy consumption (HDR) per 1000 hours *	408 kWh
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Brand-specific features

Samsung technologies (AV/TV)	Active Voice Amplifier Pro, Auto HDR Remastering, Expert Calibration, Knox Vault, Object Tracking Sound Pro, Q-Symphony, Quantum Matrix Technology Pro, Samsung Health, Samsung TV Plus, Ultimate 8K Dimming Pro, Ultra Viewing Angle

Weight & dimensions

Width (with stand)	1655.2 mm
Depth (with stand)	283.8 mm
Height (with stand)	1018.5 mm
Weight (with stand)	40.4 kg
Width (without stand)	1655.2 mm
Depth (without stand)	13.1 mm
Height (without stand)	940.8 mm
Weight (without stand)	30.8 kg

Packaging data

Package width	1814 mm
Package depth	191 mm
Package height	1124 mm
Package weight	53.6 kg

Packaging content

Cables included	AC
Remote control included	✔
Remote control type	TM2360E

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