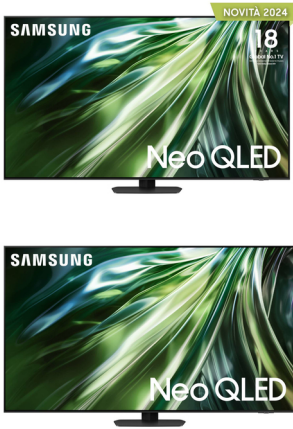**SAMSUNG**

Samsung QN90D TV Neo QLED 4K 98" QE98QN90DATXZT Smart TV Wi-Fi Titan Gray 2024, Processore NQ4 AI GEN2, Tecnologia Quantum Matrix, Neo Slim Design, Dolby Atmos

Marchio : Samsung

Famiglia del prodotto: QN90D

Codice prodotto: QE98QN90DATXZT

Nome del prodotto : Samsung TV Neo QLED 4K 98" QE98QN90DATXZT Smart TV Wi-Fi Titan Gray 2024, Processore NQ4 AI GEN2, Tecnologia Quantum Matrix, Neo Slim Design, Dolby Atmos

- Processore NQ4 AI Gen2, intelligenza artificiale innovativa
- Tecnologia Quantum Matrix, contrasti ultra definiti
- Schermo Antiriflesso, minimizza le distrazioni
- Dolby Atmos e OTS, audio tridimensionale
Neo QLED 4K 98" QN90D TV 2024
Samsung QN90D TV Neo QLED 4K 98" QE98QN90DATXZT Smart TV Wi-Fi Titan Gray 2024, Processore NQ4 AI GEN2, Tecnologia Quantum Matrix, Neo Slim Design, Dolby Atmos. Dimensioni diagonale schermo: 2,49 m (98"), Risoluzione del display: 3840 x 2160 Pixel, Tipologia HD: 4K Ultra HD, Tecnologia display: Neo QLED, Forma dello schermo: Piatto, Tipo di retroilluminazione LED: Mini LED. Smart TV. Tecnologia di interpolazione del movimento: Motion Xcelerator, Rapporto d'aspetto nativo: 16:9. Formato del segnale digitale: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Collegamento ethernet LAN. Colore del prodotto: Nero, Titanio

Display

Display diagonal *	2.49 m (98")
HD type *	4K Ultra HD
Display technology *	Neo QLED
LED backlight *	✔
LED backlighting type	Mini LED
Screen shape *	Flat
Native aspect ratio *	16:9
Motion interpolation technology *	Motion Xcelerator
Native refresh rate	100 Hz
Display refresh rates supported	120 Hz
Dynamic contrast ratio marketing name	Quantum Matrix Technology
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	247 cm
Anti-glare screen	✔

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S2, DVB-T2
Number of tuners	2 tuner(s)

Smart TV

Smart TV *	✔
Internet TV *	✔
Operating system installed *	Tizen
Screen mirroring	✔
Apple AirPlay 2 support	✔
Sound mirroring	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3
TV initiate mirroring	✔

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)
4K Ultra HD upscaling	✔
SmartThings app support	✔
Tap view	✔
Adaptive picture	✔
Multi View	✔
USB recording	✔
ConnectShare (HDD)	✔
ConnectShare (USB)	✔

Ports & interfaces

Audio Return Channel (ARC)	✔
PC in (D-Sub) *	✘
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
Digital audio optical out	1
RF ports quantity	2
RF connector type	F, IEC
Common interface Plus (CI+) *	✔
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	Anynet+
AC (power) in	✔

Smart TV

Video apps	Samsung TV Plus

Audio

RMS rated power *	60 W
Audio output channels	4.2.2 channels
Audio decoders	Dolby Atmos
Audio pre-selection descriptor	✔
Music wall	✔
Active voice amplifier (AVA)	✔
Adaptive sound+	✔
Multiroom	✘
Enhanced Audio Return Channel (eARC)	✔

Network

Wi-Fi *	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.2
Ethernet LAN *	✔
Web browser	✔

Design

Product colour *	Black, Titanium
Colour name	Titan Black
VESA mounting *	✔
Panel mounting interface	600 x 400 mm
Frameless design	✔
Introduction year	2024
Bezel type	3 Bezel-less
Slim fit wall mount support	✔
Stand type	Hexagon stand
Stand colour	Black

Performance

High Dynamic Range (HDR) technology	Filmmaker Mode, High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)
Game mode	✔
Teletext function	✔
Ambient mode	Ambient Mode+
Eco sensor	✔
Brightness detection	✔
Colour detection	✔
AI Upscale	✔
TV key support	✔
Backlight dimming technology	Ultimate UHD Dimming
Picture processing technology	Neural Quantum Processor 4K Gen 2, Samsung Real Depth Enhancer Pro
Noise reduction *	✔

Management features

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

Power

Power consumption (typical) *	153 W
Power consumption (standby) *	0.5 W
Power consumption (max)	435 W
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	153 kWh
Energy consumption (HDR) per 1000 hours *	351 kWh
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy saving mode	✔
Energy efficiency scale	A to G

Brand-specific features

Samsung technologies (AV/TV)	AI Scaling, AMD FreeSync™ Premium Pro, Active Voice Amplifier Pro, Adaptive Sound Pro, Ambient Mode+, Auto HDR Remastering, Buds Auto Switch, Built-in SmartThings Hub, Dolby Atmos®, Expert Calibration, EyeComfort Mode, Gaming Hub, HDMI eARC, HDR10+, Mobile Tap Mirroring, Motion Xcelerator, Neo Quantum HDR, Neural Quantum Processor 4K, Object Tracking Sound Lite, Q-Symphony, Quantum Dot Display, Quantum Matrix Technology, Samsung Multi View, Samsung TV Plus, Smart Calibration, Smart TV powered by Tizen, Solar Cell One Remote, Ultimate UHD Dimming, Wide Viewing Angle

Weight & dimensions

Width (with stand)	2185.1 mm
Depth (with stand)	364.9 mm
Height (with stand)	1305.9 mm
Weight (with stand)	70.6 kg
Width (without stand)	2185.1 mm
Depth (without stand)	31.1 mm
Height (without stand)	1249.3 mm
Weight (without stand)	61.4 kg
Stand width	47.9 cm
Stand depth	36.5 cm

Packaging data

Package width	2370 mm
Package depth	275 mm
Package height	1420 mm
Package weight	92.7 kg

Packaging content

Desktop stand	✔
Cables included	AC

Packaging content	
Remote control included	✔
Remote control type	TM2360E
E-manual	✔

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