

Samsung 2024 98" QN90D Neo QLED 4K HDR Smart TV

Brand : Samsung

Product code: QE98QN90DATXXU

Product name : 2024 98" QN90D Neo QLED 4K HDR Smart TV



- Supersize Picture Enhancer: our most intelligent 4K AI processor optimises your content for the big screen
- Ultra Viewing Angle with Anti-Reflection Screen: Experience the brilliant picture from every angle, with minimised glare
- Quantum Matrix Technology: Precisely controlled Mini LEDs create an incredibly sharp picture
- Object Tracking Sound Plus & Dolby Atmos®: Immersive sound that follows the action on screen with 8 TV speakers

2024 98" QN90D Neo QLED 4K HDR Smart TV

Samsung 2024 98" QN90D Neo QLED 4K HDR Smart TV. Display diagonal: 2.49 m (98"), Display resolution: 3840 x 2160 pixels, HD type: 4K 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		Performance	
Display diagonal *	2.49 m (98")	4K Ultra HD upscaling	✓
HD type *	4K Ultra HD	SmartThings app support	✓
Display technology *	Neo QLED	Tap view	✓
Screen shape *	Flat	Multi View	✓
Native aspect ratio *	16:9	TV sound to mobile device	✓
Motion interpolation technology *	Motion Xcelerator	USB recording	✓
Native refresh rate	100 Hz	Ports & interfaces	
Display refresh rates supported	120 Hz, 144 Hz	HDMI version	2.1
Display resolution *	3840 x 2160 pixels	Audio Return Channel (ARC)	✓
Display diagonal (metric)	247 cm	PC in (D-Sub) *	✗
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
TV tuner		USB 2.0 ports quantity *	2
Tuner type *	Analog & digital	Digital audio optical out	1
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	RF ports quantity	4
Number of tuners	2 tuner(s)	Common interface (CI) *	✓
Auto channel search	✓	Common interface Plus (CI+) *	✓
Smart TV		Common interface Plus (CI+) version	1.4
Smart TV *	✓	HDMI ports quantity *	4
Internet TV *	✓	Consumer Electronics Control (CEC)	Anynet+
Operating system installed *	Tizen	Management features	
Screen mirroring	✓	Voice control	✓
Apple AirPlay 2 support	✓	Electronic Programme Guide (EPG)	✓
Sound mirroring	✓	On Screen Display (OSD)	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Number of OSD languages	27
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Auto power off	✓
Far-field voice interaction	✓	Sleep timer	✓
TV initiate mirroring	✓	Works with Amazon Alexa	✓
Video apps	Samsung TV Plus	Works with the Google Assistant	✓
Audio		Works with Samsung Bixby	✓
RMS rated power *	60 W	Universal Browse & Play	✓
Audio output channels	4.2.2 channels	Power	
Audio decoders	Dolby Atmos, Dolby Digital	Power consumption (typical) *	153 W
Audio pre-selection descriptor	✓	Power consumption (standby) *	0.5 W
		Energy efficiency class (SDR) *	E

Audio		Power	
Object Tracking Sound+ (OTS+)	✓	Energy efficiency class (HDR) *	G
Enhanced Audio Return Channel (eARC)	✓	Energy consumption (SDR) per 1000 hours *	142 kWh
Network		Energy consumption (HDR) per 1000 hours *	351 kWh
Wi-Fi *	✓	AC input voltage	220-240 V
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input frequency	50/60 Hz
Bluetooth *	✓	Energy saving mode	✓
Bluetooth version	5.2	Energy efficiency scale	A to G
Ethernet LAN *	✓	Brand-specific features	
Web browser	✓	Samsung technologies (AV/TV)	Active Voice Amplifier Pro, Adaptive Sound Pro, Auto HDR Remastering, Expert Calibration, Neo Quantum HDR+, Neo Quantum Processor 4K, Q-Symphony, Quantum Matrix Technology, Smart Calibration, Ultra Viewing Angle, Wide Viewing Angle
Design			
Product colour *	Black		
VESA mounting *	✓		
Panel mounting interface	600 x 400 mm		
Bezel type	3 Bezel-less	Weight & dimensions	
Stand type	Hexagon stand	Width (with stand)	2185.1 mm
Stand colour	Black	Depth (with stand)	364.9 mm
Performance		Height (with stand)	1305.9 mm
High Dynamic Range (HDR) technology	Filmmaker Mode, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR+	Weight (with stand)	70.6 kg
Game mode	✓	Width (without stand)	2185.1 mm
Teletext function	✓	Depth (without stand)	31.1 mm
Subtitles function	✓	Height (without stand)	1249.3 mm
Ambient light sensor	✓	Weight (without stand)	61.4 kg
Ambient mode	Ambient Mode+	Stand width	47.9 cm
Eco sensor	✓	Stand depth	36.5 cm
Backlight dimming technology	Ultimate UHD Dimming Pro	Packaging data	
Picture processing technology	Samsung Real Depth Enhancer Pro	Package width	2370 mm
High Dynamic Range (HDR) supported *	✓	Package depth	275 mm
AMD FreeSync	✓	Package height	1420 mm
AMD FreeSync type	FreeSync Premium Pro	Package weight	92.7 kg
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)	Packaging content	
		Mounting kit	✓
		Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E
		Smart Remote included	✓



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