SAMSUNG

Samsung QN86D QE75QN86DBTXXN TV 190,5 cm (75") 4K Ultra HD Smart TV Wi-Fi Silver, Carbon 1500 cd/m²

Brand : Samsung

Product family: QN86D

Article code: QE75QN86DBTXXN

Product name :
QE75QN86DBTXXN

Samsung QN86D QE75QN86DBTXXN. Display diagonal: 190,5 cm (75"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat, LED backlighting type: Mini LED. Smart TV. Motion interpolation technology: Motion Xcelerator, Display brightness: 1500 cd/m², Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product color: Silver, Carbon

Display

Display diagonal *	190,5 cm (75")
HD type *	4K Ultra HD
Display technology *	Neo QLED
LED backlight	✔
LED backlighting type	Mini LED
Screen shape *	Flat
Native aspect ratio *	16:9
Display brightness *	1500 cd/m²
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)	189 cm

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
Apple AirPlay 2 support	✔
Sound mirroring	✔
Hybrid Broadcast Broadband TV (HbbTV)	✔
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3
TV initiate mirroring	✔

Audio

RMS rated power *	40 W
Audio output channels	2.2 channels
Audio decoders	Dolby Atmos

Performance

AMD FreeSync type	FreeSync Premium Pro
Game features	Auto Low Latency Mode (ALLM), HGiG, Dynamic Black EQ, Mini Map Zoom, Variable Refresh Rate (VRR), Super Ultra Wide Game View, Gaming Hub, Surround Sound, Game Motion Plus
4K Ultra HD upscaling	✔
SmartThings app support	✔
Tap view	✔
Multi View	✔
Smartphone remote support	✔
USB recording	✔

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 (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 Program Guide (EPG)	✔
On Screen Display (OSD)	✔
Number of OSD languages	27

Audio

Adaptive sound	✔
Active voice amplifier (AVA)	✔
Multiroom	✖
Enhanced Audio Return Channel (eARC)	✔

Network

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

Design

Product color *	Silver, Carbon
Color name	Carbon Silver
VESA mounting *	✔
Panel mounting interface	400 x 300 mm
LED indicators	✔
Frameless design	✔
Introduction year	2024
Bezel type	3 Bezel-less
Slim fit wall mount support	✔
Stand type	Hexagon stand
Stand color	Silver

Performance

High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Neo Quantum HDR
Ambient mode	Ambient Mode+
Eco sensor	✔
AI Upscale	✔
TV key support	✔
Backlight dimming technology	Supreme UHD Dimming
Picture processing technology	Samsung Real Depth Enhancer
Picture processor	NQ4 AI Gen2
High Dynamic Range (HDR) supported *	✔
AMD FreeSync	✔

Management features

On Screen Display (OSD) languages	Danish, MAC, Slovak, ALB, German, Hungarian, Slovenian, Dutch, English, Norwegian, BOS, Spanish, Italian, Swedish, Bulgarian, Estonian, Polish, Portuguese, Finnish, Romanian, French, LAT, Croatian, Greek, Czech, Lithuanian, SER
Auto power off	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✔

Power

Power consumption (typical) *	121 W
Power consumption (standby) *	0,5 W
Power consumption (max)	330 W
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	121 kWh
Energy consumption (HDR) per 1000 hours *	286 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)	Solar Cell One Remote, Buds Auto Switch, Built-in SmartThings Hub, Mobile Mirroring, Contrast Enhancer, Q-Symphony, Quantum Dot Display, Active Voice Amplifier Pro, Motion Xcelerator Turbo Plus, Ultimate UHD Dimming, Dolby Atmos®, Quantum Matrix Technology, Expert Calibration, Adaptive Sound Pro, Gaming Hub, Samsung Multi View, Amazon Alexa Built-in, HDMI eARC, Samsung TV Plus, HDR10+, Wide Viewing Angle, Ambient Mode+, Smart Calibration, Auto HDR Remastering, Knox Vault, Object Tracking Sound Lite, Smart TV powered by Tizen

Weight & dimensions

Width (with stand)	1670,2 mm
Depth (with stand)	274,9 mm
Height (with stand)	1015,9 mm
Weight (with stand)	38,5 kg
Width (without stand)	1670,2 mm
Depth (without stand)	46,7 mm
Height (without stand)	958,2 mm
Weight (without stand)	33,1 kg
Stand width	14,8 cm
Stand depth	27,5 cm

Packaging data

Package width	1872 mm
Package depth	186 mm
Package height	1100 mm
Package weight	48,3 kg

Packaging content

Desktop stand	✔
Handheld remote control	✔

Packaging content

Remote control type	TM2360E

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Catalog Object Cloud