



## Samsung QN85D QE55QN85DBT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Carbon, Silver

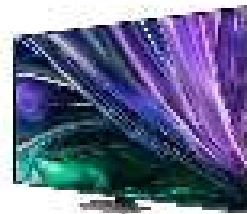
**Brand :** Samsung

**Product family:** QN85D

**Product code:**  
QE55QN85DBTXXH

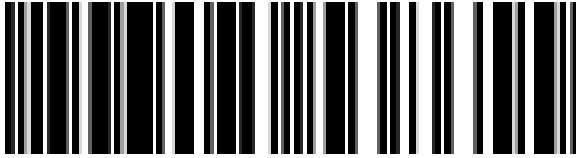
**Product name :**  
QE55QN85DBT

Samsung QN85D QE55QN85DBT. Display diagonal: 139.7 cm (55"), 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: Carbon, Silver



Display		Performance	
Display diagonal *	139.7 cm (55")	Picture processing technology	Samsung Real Depth Enhancer
HD type *	4K Ultra HD	High Dynamic Range (HDR) supported *	✓
Display technology *	Neo QLED	AMD FreeSync	✓
LED backlight	✓	AMD FreeSync type	FreeSync Premium Pro
Screen shape *	Flat	Game features	Dynamic Black EQ, Game Motion Plus, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)
Native aspect ratio *	16:9	4K Ultra HD upscaling	✓
Supported video modes	2160p	SmartThings app support	✓
Supported graphics resolutions	3840 x 2160	Tap view	✓
Motion interpolation technology *	Motion Xcelerator	Video upscaling	✓
Display refresh rates supported	120 Hz	TV sound to mobile device	✓
Dynamic contrast ratio marketing name	Quantum Matrix Technology		
Display resolution *	3840 x 2160 pixels	Ports & interfaces	
Display diagonal (metric)	138 cm	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	1
Number of tuners	2 tuner(s)	Common interface (CI) *	✓
Smart TV		Common interface Plus (CI+) *	✓
Smart TV *	✓	Common interface Plus (CI+) version	1.4
Internet TV *	✓	HDMI ports quantity *	4
Operating system installed *	Tizen	Consumer Electronics Control (CEC)	Anynet+
Apple AirPlay 2 support	✓	Management features	
Sound mirroring	✓	Voice guide	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Electronic Programme Guide (EPG)	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3.	On Screen Display (OSD)	✓
Smart modes	Filmmaker	Number of OSD languages	27
TV initiate mirroring	✓	Auto power off	✓
Video apps	Samsung TV Plus	Works with Amazon Alexa	✓
		Works with the Google Assistant	✓

<b>Audio</b>		<b>Management features</b>	
RMS rated power *	40 W	Works with Samsung Bixby	✓
Audio output channels	2.2 channels	<b>Power</b>	
Audio decoders	3D Sound, Dolby Atmos	Power consumption (typical) *	80 W
Sound modes	Adaptive Sound Pro	Power consumption (standby) *	0.5 W
Object Tracking Sound+ (OTS+)	✓	Power consumption (max)	195 W
Active voice amplifier (AVA)	✓	Energy efficiency class (SDR) *	G
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency class (HDR) *	G
<b>Network</b>		Energy consumption (SDR) per 1000 hours *	80 kWh
Wi-Fi *	✓	Energy consumption (HDR) per 1000 hours *	183 kWh
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	220 - 240 V
Bluetooth *	✓	AC input frequency	50/60 Hz
Bluetooth version	5.2	Energy saving mode	✓
Ethernet LAN *	✓	Energy efficiency scale	A to G
Web browser	✓	<b>Brand-specific features</b>	
<b>Design</b>		4K AI Upscaling, AMD FreeSync™ Premium Pro, Active Voice Amplifier, Adaptive Sound Pro, AirPlay 2, Amazon Alexa Built-in, Auto HDR Remastering, Dolby Atmos®, Gaming Hub, HDMI eARC, Motion Xcelerator, Neo Quantum HDR, Q-Symphony, Quantum Matrix Technology, Samsung Health, Samsung TV Plus, Smart Calibration, Smart TV powered by Tizen, Supreme UHD Dimming, Wide Viewing Angle, Works With Amazon Alexa	
Product colour *	Carbon, Silver	Samsung technologies (AV/TV)	
VESA mounting *	✓		
Panel mounting interface	200 x 200 mm		
Introduction year	2024		
Bezel type	3 Bezel-less		
Slim fit wall mount support	✓		
Stand type	Hexagon stand		
Stand colour	Silver		
<b>Performance</b>		<b>Weight &amp; dimensions</b>	
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR	Width (with stand)	1227.6 mm
Game mode	✓	Depth (with stand)	243.9 mm
Teletext standards	EPG	Height (with stand)	766 mm
Subtitles function	✓	Weight (with stand)	20.1 kg
Ambient mode	Ambient Mode+	Width (without stand)	1227.6 mm
Eco sensor	✓	Depth (without stand)	46.1 mm
AI Upscale	✓	Height (without stand)	706.4 mm
TV key support	✓	Weight (without stand)	17.1 kg
Backlight dimming technology	Supreme UHD Dimming	Stand width	36.2 cm
		Stand depth	24.4 cm
		<b>Packaging data</b>	
		Package width	1445 mm
		Package depth	164 mm
		Package height	828 mm
		Package weight	25 kg
		Package type	Box
		<b>Packaging content</b>	
		Desktop stand	✓
		Remote control included	✓
		Remote control type	TM2360E



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