

SAMSUNG

2024 Series QN85D TV



General	Neo QLED 4K	Neo QLED 4K	Neo QLED 4K	Neo QLED 4K
Screen Size	85	75	65	55
Screen diagonal in cm	214	189	163	138
Serie	QN85D	QN85D	QN85D	QN85D
Modellcode	QE85QN85DBTXXN	QE75QN85DBTXXN	QE65QN85DBTXXN	QE55QN85DBTXXN
EAN	8806095537283	8806095537276	8806095537269	8806095537016
UVP/RRP CHF	4699	3499	2499	1799

Dimensions (W x H x D in mm)

Set Size with Stand	1892.4 x 1141.4 x 309.3	1670.2 x 1015.9 x 274.9	1446.5 x 890.0 x 258.8	1227.6 x 766.0 x 243.9
Set Size without Stand	1892.4 x 1082.9 x 47.0	1670.2 x 958.2 x 46.7	1446.5 x 829.5 x 46.3	1227.6 x 706.4 x 46.1
Package Size	2150.0 x 1235.0 x 209.0	1872.0 x 1100.0 x 186.0	1633.0 x 935.0 x 180.0	1445.0 x 828.0 x 164.0
Stand (Basic) (WxD)	417.8 x 309.3	417.5 x 274.9	387.4 x 258.8	361.7 x 243.9
VESA Spec	600 x 400	400 x 400	400 x 300	200 x 200

Weight (kg)

Set Weight with Stand	49.7	38.5	26.8	20.1
Set Weight without Stand	42.5	33.1	23.1	17.1
Package Weight	62.9	48.3	34.7	25.6

Energy

Energy Efficiency Class	F	F	F	G
Power Consumption (Max) (W)	380	330	250	195
Power Consumption (Stand-by)	0.50	0.50	0.50	0.50

Picture

Resolution	4K (3,840 x 2,160)	4K (3,840 x 2,160)	4K (3,840 x 2,160)	4K (3,840 x 2,160)
Refresh Rate	100Hz	100Hz	100Hz	100Hz
Color	100% Color Volume	100% Color Volume	100% Color Volume	100% Color Volume
Picture Engine	NQ4 AI Gen2 Processor	NQ4 AI Gen2 Processor	NQ4 AI Gen2 Processor	NQ4 AI Gen2 Processor
HDR (High Dynamic Range)	Neo Quantum HDR	Neo Quantum HDR	Neo Quantum HDR	Neo Quantum HDR
HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes
Motion Technology	Motion Xcelerator 120Hz	Motion Xcelerator 120Hz	Motion Xcelerator 120Hz	Motion Xcelerator 120Hz
Contrast	Quantum Matrix Technology	Quantum Matrix Technology	Quantum Matrix Technology	Quantum Matrix Technology
Anti Reflection	-	-	-	-
Viewing Angle	Wide Viewing Angle	Wide Viewing Angle	Wide Viewing Angle	Wide Viewing Angle
Micro Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming
Contrast Enhancer	Real Depth Enhancer	Real Depth Enhancer	Real Depth Enhancer	Real Depth Enhancer
Expert Calibration	-	-	-	-
Smart Calibration	Basic	Basic	Basic	Basic
Picture Upscale	4K AI Upscaling	4K AI Upscaling	4K AI Upscaling	4K AI Upscaling

Audio

Dolby Atmos	Yes	Yes	Yes	Yes
Object Tracking Sound	OTS Lite	OTS Lite	OTS Lite	OTS Lite
Q-Symphony	Yes	Yes	Yes	Yes
Active Voice Amplifier Pro	Yes	Yes	Yes	Yes
Adaptive Sound	Adaptive Sound Pro	Adaptive Sound Pro	Adaptive Sound Pro	Adaptive Sound Pro
Sound Output (RMS)	40W	40W	40W	40W
Speaker Type	2.2CH	2.2CH	2.2CH	2.2CH
Main Speaker Output (W)	10W+10W	10W+10W	10W+10W	10W+10W
Woofer Speaker Output (W)	10W+10W	10W+10W	10W+10W	10W+10W
Tweeter Speaker Output (W)	-	-	-	-
Bluetooth Audio	Yes	Yes	Yes	Yes

Smart Service

Smart TV Type	Yes	Yes	Yes	Yes
TV Plus	Yes	Yes	Yes	Yes

Smart Features

Multi-View	upto 2 videos	upto 2 videos	upto 2 videos	upto 2 videos
Ambient Mode	Ambient Mode+	Ambient Mode+	Ambient Mode+	Ambient Mode+
Mobile to TV Mirroring	Yes	Yes	Yes	Yes

Connectivity

HDMI Port Qty	4	4	4	4
USB Port Qty	2 x USB-A	2 x USB-A	2 x USB-A	2 x USB-A
eArc	eARC	eARC	eARC	eARC
EPG	Yes	Yes	Yes	Yes
Picture-In-Picture BT HID Support	Yes	Yes	Yes	Yes
USB HID Support Teletext (TTX)	Yes	Yes	Yes	Yes
Time Shift	Yes	Yes	Yes	Yes
WiFi	Yes (Wi-Fi 5)	Yes (Wi-Fi 5)	Yes (Wi-Fi 5)	Yes (Wi-Fi 5)
Bluetooth	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)
CI Slot	CI+(1.4)	CI+(1.4)	CI+(1.4)	CI+(1.4)
Digital Broadcasting	DVB-T2CS2 x 2	DVB-T2CS2 x 2	DVB-T2CS2 x 2	DVB-T2CS2 x 2
Analog Tuner	Yes	Yes	Yes	Yes
2 Tuner	Yes	Yes	Yes	Yes
CI (Common Interface)	1	1	1	1

Game Feature

HDMI (High Frame Rate; HDMI 2.1)	Yes	Yes	Yes	Yes
Auto Game Mode (ALLM)	Yes	Yes	Yes	Yes
Game Motion Plus	Yes	Yes	Yes	Yes
Dynamic Black EQ	Yes	Yes	Yes	Yes
Surround Sound	Yes	Yes	Yes	Yes
Super Ultra Wide Game View	Yes	Yes	Yes	Yes
Game bar	Yes	Yes	Yes	Yes
FreeSync	FreeSync Premium Pro	FreeSync Premium Pro	FreeSync Premium Pro	FreeSync Premium Pro

Design

Design	Simple Chamfer	Simple Chamfer	Simple Chamfer	Simple Chamfer
Design Color	CARBON SILVER	CARBON SILVER	CARBON SILVER	CARBON SILVER
Stand Type	ONE TOUCH HEXAGON	ONE TOUCH HEXAGON	ONE TOUCH HEXAGON	ONE TOUCH HEXAGON
Stand Color	CARBON SILVER	CARBON SILVER	CARBON SILVER	CARBON SILVER

In-Box

User Manual Power Cable	Yes	Yes	Yes	Yes
One Connect Box	-	-	-	-
Remote Control	BT SolarCell Remote	BT SolarCell Remote	BT SolarCell Remote	BT SolarCell Remote

Optional Accessory

Slim Fit Wall-Mount	Yes	Yes	Yes	Yes
Auto Rotating Wall-Mount	-	-	Yes	Yes
Auto Rotating Studio Stand	-	-	-	Yes
Studio Stand	-	-	Yes	Yes
Soundbar: perfect-match	HW-Q930D / HW-S800D	HW-Q700D / HW-S700D	HW-Q700D / HW-S700D	HW-Q600C / HW-S700D