Samsung QE65QN80H, 165.1 cm (65"), 3840 x 2160 pixels, Neo QLED, Smart TV, Wi-Fi, Black

UHD (3840x2160) - DVB-C - DVB-S2 - DVB-T2 - HDMI - 144 Hz



Group	LCD TVs
Manufacturer	Samsung
Manufacturer item no.	QE65QN80HAUXXH
EAN/UPC	8806097943075

Description

Samsung QE65QN80H. Display diagonal: 165.1 cm (65"), 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. Digital signal format system: DVB-T2, DVB-C, DVB-S2. Wi-Fi, Ethernet LAN. Product colour: Black

Main features

	General
Display diagonal	165.1 cm (65")
Display resolution	3840 x 2160 pixels
HD type	4K Ultra HD
Display technology	Neo QLED
Screen shape	Flat
Smart TV	Yes
Motion interpolation technology	Motion Xcelerator
Digital signal format system	DVB-T2, DVB-C, DVB-S2
Wi-Fi	Yes
Ethernet LAN	Yes
Product colour	Black

Extended details

	Display
Display diagonal	165.1 cm (65")
HD type	4K Ultra HD
Display resolution	3840 x 2160 pixels
Display technology	Neo QLED
Screen shape	Flat
Motion interpolation technology	Motion Xcelerator

Native refresh rate	100 Hz
Display refresh rates supported	144 Hz
Display diagonal (metric)	163 cm
	Smart TV
Smart TV	Yes
Internet TV	Yes
Operating system installed	Tizen
Apple AirPlay 2 support	Yes
Sound mirroring	Yes
Hybrid Broadcast Broadband TV (HbbTV)	Yes
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.4
Smart modes	Filmmaker, Energy saving
Far-field voice interaction	Yes
TV initiate mirroring	Yes
	Network
Wi-Fi	Yes
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Bluetooth	Yes
Bluetooth version	5.3
Ethernet LAN	Yes
Web browser	Yes
	Design
Product colour	Black
VESA mounting	Yes
Panel mounting interface	400 x 300 mm
Introduction year	2026
Bezel type	3 Bezel-less
Stand colour	Black
	Ports & interfaces
HDMI ports quantity	4
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity	2
Digital audio optical out	1
RF ports quantity	3
Common interface Plus (CI+)	Yes
Common interface Plus (CI+) version	1.4

Consumer Electronics Control (CEC)	Anynet+
	Performance
High Dynamic Range (HDR) supported	Yes
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), Filmmaker Mode
Eco sensor	Yes
AI Upscale	Yes
TV key support	Yes
Picture processing technology	NQ4 AI Gen 2 Processor
Picture processor	NQ4 AI Gen2
AMD FreeSync	Yes
AMD FreeSync type	FreeSync Premium Pro
Game features	Game Motion Plus, Variable Refresh Rate (VRR), Game Bar, Mini Map Zoom, HGiG, Gaming Hub
Multi View	Yes
	Power
Power consumption (typical)	85 W
Power consumption (standby)	0.5 W
Power consumption (max)	250 W
Energy efficiency class (SDR)	E
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	85 kWh
Energy consumption (HDR) per 1000 hours	245 kWh
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy saving mode	Yes
	Management features
Electronic Programme Guide (EPG)	Yes
Number of OSD languages	27
Works with Samsung Bixby	Yes
	Audio
Number of speakers	2
RMS rated power	30 W
Audio output channels	2.0 channels
Audio decoders	Dolby Atmos

Sound modes	Surround
Audio pre-selection descriptor	Yes
Adaptive sound	Yes
Active voice amplifier (AVA)	Yes
Enhanced Audio Return Channel (eARC)	Yes
	Weight & dimensions
Width (with stand)	1442.9 mm
Depth (with stand)	256.8 mm
Height (with stand)	867.1 mm
Weight (with stand)	17.6 kg
Width (without stand)	1442.9 mm
Depth (without stand)	52 mm
Height (without stand)	831.2 mm
Weight (without stand)	17.2 kg
Stand width	30 cm
Stand depth	25.7 cm
	TV tuner
Tuner type	Analog & digital
Digital signal format system	DVB-T2, DVB-C, DVB-S2
	Brand-specific features
Samsung technologies (AV/TV)	Wide Viewing Angle, Micro Dimming, Motion Xcelerator 144Hz, Smart Calibration, Supersize Picture Enhancer, Colour Booster Pro, Auto HDR Remastering, Object Tracking Sound, Q-Symphony, Active Voice Amplifier, Smart TV powered by Tizen, Amazon Alexa Built-in, Samsung TV Plus, Built-in SmartThings Hub, Samsung Health, Samsung Multi View, Karaoke Mode, Auto Game Mode (ALLM), Game Bar, FreeSync Premium Pro, Gaming Hub, AI Auto Game Mode, HDMI eARC, Art Store, Slim Fit Wall-Mount Compatible
	Packaging data
Package width	1578 mm
Package depth	142 mm
Package height	933 mm
Package weight	23.6 kg