

Samsung QE65QN80FAU 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product code: QE65QN80FAUXXH

Product name : QE65QN80FAU

- 4K AI Upscaling & NQ4 AI Gen2 Processor¹: Powerful 4K AI processor optimises picture and sound for superior 4K viewing
 - Quantum Matrix Technology Core with Mini LEDs: Watch what you love in incredible colour, contrast and clarity
 - Dolby Atmos® with Object Tracking Sound Lite: Immersive surround sound that flows with every action
 - AI Sound Pro: Expertly engineered sound, tailored for where and what you're watching
 - Motion Xcelerator 144Hz: Game on glitch-free with ultra-smooth gameplay and perfect visuals
- 65" Neo QLED QN80F 4K Vision AI Smart TV (2025)
- Samsung QE65QN80FAU. 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-CS2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Silver



Display		Performance	
Display diagonal *	165.1 cm (65")	4K Ultra HD upscaling	✓
HD type *	4K Ultra HD	SmartThings app support	✓
Display technology *	Neo QLED	Ports & interfaces	
Screen shape *	Flat	Audio Return Channel (ARC)	✓
Motion interpolation technology *	Motion Xcelerator	Ethernet LAN (RJ-45) ports	1
Native refresh rate	100 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display refresh rates supported	144 Hz	Digital audio optical out	1
Dynamic contrast ratio marketing name	Quantum Matrix Technology	RF ports quantity	1
Display resolution *	3840 x 2160 pixels	Common interface (CI) *	✓
TV tuner		Common interface Plus (CI+) *	✓
Tuner type *	Analog & digital	Common interface Plus (CI+) version	1.4
Digital signal format system *	DVB-CS2, DVB-T2	HDMI ports quantity *	4
Smart TV		Consumer Electronics Control (CEC)	Anynet+
Smart TV *	✓	Management features	
Internet TV *	✓	Voice control	✓
Operating system installed *	Tizen	Electronic Programme Guide (EPG)	✓
Operating system version	Tizen	Auto power off	✓
Screen mirroring	✓	Works with Amazon Alexa	✓
Apple AirPlay 2 support	✓	Works with the Google Assistant	✓
Far-field voice interaction	✓	Works with Samsung Bixby	✓
Video apps	Samsung TV Plus	Power	
Audio		Power consumption (typical) *	101 W
RMS rated power *	30 W	Power consumption (standby) *	0.5 W
Audio output channels	4.0 channels	Power consumption (max)	275 W
Sound modes	Adaptive Sound Pro, Surround	Energy efficiency class (SDR) *	F
Audio pre-selection descriptor	✓	Energy efficiency class (HDR) *	G
Adaptive sound	✓	Energy consumption (SDR) per 1000 hours *	101 kWh
Active voice amplifier (AVA)	✓	Energy consumption (HDR) per 1000 hours *	272 kWh
Enhanced Audio Return Channel (eARC)	✓		

Network		Power	
Wi-Fi *	✓	Energy efficiency scale	A to G
Bluetooth *	✓	Brand-specific features	
Bluetooth version	5.3		
Ethernet LAN *	✓	Samsung technologies (AV/TV) 4K AI Upscaling, AI Auto Game Mode, AI Customisation Mode, AI Energy Mode, AI Mode, AI Sound Pro, Auto Game Mode (ALLM), Auto HDR Remastering, Colour Booster Pro, Dolby Atmos®, FreeSync Premium Pro, Game Bar, Gaming Hub, Generative Wallpaper, Motion Xcelerator 144Hz, Multiple Voice Assistants, NQ4 AI Gen2 Processor, Neo Quantum HDR, Object Tracking Sound Lite, PANTONE Validated, Quantum Matrix Technology Core, Real Depth Enhancer, Samsung Health, Samsung Knox Security, Samsung Multi View, Samsung Q-Symphony, Samsung TV Plus, Smart TV powered by Tizen, SmartThings, SmartThings Calibration, SolarCell Remote, Supersize Picture Enhancer, Universal Gesture	
Miracast	✗		
Design			
Product colour *	Silver		
Colour name	Carbon Silver		
VESA mounting *	✓		
Panel mounting interface	400 x 300 mm		
Introduction year	2025		
Bezel type	3 Bezel-less		
Mini wall mount support	✓		
Stand type	Center stand		
Stand colour	Grey		
Performance			
High Dynamic Range (HDR) technology	HDR 10+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR	Weight & dimensions	
		Width (with stand)	1446.5 mm
Game mode	✓	Depth (with stand)	279.4 mm
Subtitles function	✓	Height (with stand)	886.3 mm
High Dynamic Range (HDR) supported *	✓	Weight (with stand)	23.7 kg
AMD FreeSync	✓	Width (without stand)	1446.5 mm
Game features	Auto Low Latency Mode (ALLM), Game Bar, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)	Depth (without stand)	46.6 mm
		Height (without stand)	829.3 mm
		Weight (without stand)	22.7 kg
		Packaging data	
		Package width	1593 mm
		Package depth	158 mm
		Package height	930 mm
		Package weight	30.8 kg
Packaging content			
		Cables included	AC
		Remote control included	✓
		Remote control type	TM2360E (UK Add TM1240A)
		Smart Remote included	✓



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