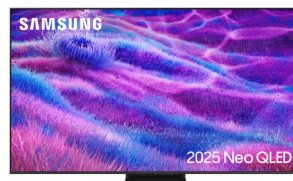


Samsung QE55QN80FAU 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Silver

Brand : Samsung

Product code: QE55QN80FAUXXH

Product name : QE55QN80FAU



- 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

55" Neo QLED QN80F 4K Vision AI Smart TV (2025)

Samsung QE55QN80FAU. 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. Digital signal format system: DVB-CS2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Silver

Display		Performance	
Display diagonal *	139.7 cm (55")	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) *	76 W
RMS rated power *	30 W	Power consumption (standby) *	0.5 W
Audio output channels	4.0 channels	Power consumption (max)	230 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 *	76 kWh
Active voice amplifier (AVA)	✓	Energy consumption (HDR) per 1000 hours *	217 kWh
Enhanced Audio Return Channel (eARC)	✓		

Network		Power	
Wi-Fi *	✓	Energy saving mode	✓
Bluetooth *	✓	Energy efficiency scale	A to G
Bluetooth version	5.3	Brand-specific features	
Ethernet LAN *	✓		
Miracast	✗	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	
Design			
Product colour *	Silver		
Colour name	Carbon Silver		
VESA mounting *	✓		
Panel mounting interface	200 x 200 mm		
Introduction year	2025		
Bezel type	3 Bezel-less		
Mini wall mount support	✓		
Stand type	Center stand		
Stand colour	Grey		
Performance		Samsung technologies (AV/TV)	
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		
Game mode	✓		
Subtitles function	✓		
High Dynamic Range (HDR) supported *	✓		
AMD FreeSync	✓		
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)		
Weight & dimensions			
Width (with stand)	1227.6 mm		
Depth (with stand)	247.4 mm		
Height (with stand)	764 mm		
Weight (with stand)	17.2 kg		
Width (without stand)	1227.6 mm		
Depth (without stand)	47.2 mm		
Height (without stand)	706.2 mm		
Weight (without stand)	16.4 kg		
Packaging data			
Package width	1352 mm		
Package depth	148 mm		
Package height	813 mm		
Package weight	22 kg		
Packaging content			
Cables included	AC		
Remote control included	✓		
Remote control type	TM2360E (UK Add TM1240A)		
Smart Remote included	✓		



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Catalog Object Cloud



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