

Samsung GQ50QN80FAU 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Carbon, Silver

Brand : Samsung

Product code: GQ50QN80FAUXZG

Product name : GQ50QN80FAU

Samsung GQ50QN80FAU. Display diagonal: 127 cm (50"), Display resolution: 2160 x 3840 pixels, HD type: 4K Ultra HD, Display technology: 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 *	127 cm (50")	High Dynamic Range (HDR) supported *	✓
HD type *	4K Ultra HD	AMD FreeSync	✓
Display technology *	QLED	AMD FreeSync type	FreeSync Premium Pro
Screen shape *	Flat	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Bar, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound
Native aspect ratio *	16:9		
Motion interpolation technology *	Motion Xcelerator		
Native refresh rate	50 Hz	SmartThings app support	✓
Viewing angle, horizontal	178°	Multi View	✓
Viewing angle, vertical	178°	ConnectShare (HDD)	✓
Display resolution *	2160 x 3840 pixels	ConnectShare (USB)	✓
Display diagonal (metric)	125 cm		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	Ethernet LAN (RJ-45) ports	1
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	USB 2.0 ports quantity *	2
Smart TV		Digital audio optical out	1
Smart TV *	✓	Common interface Plus (CI+) *	✓
Internet TV *	✓	Common interface Plus (CI+) version	1.4
Operating system installed *	Tizen	HDMI ports quantity *	4
Timeshift	✓	Consumer Electronics Control (CEC)	Anynet+
Apple AirPlay 2 support	✓	Management features	
Hybrid Broadcast Broadband TV (HbbTV)	✓	Electronic Programme Guide (EPG)	✓
Universal guide	✓	Picture-in-Picture	✓
Video apps	Samsung TV Plus	Works with Amazon Alexa	✓
Audio		Works with Samsung Bixby	✓
RMS rated power *	30 W	Power	
Audio output channels	4.0 channels	Power consumption (typical) *	68 W
Audio decoders	Dolby Atmos	Power consumption (standby) *	0.5 W
Sound modes	Adaptive Sound Pro	Energy efficiency class (SDR) *	G
Audio pre-selection descriptor	✓	Energy efficiency class (HDR) *	G
Object Tracking Sound+ (OTS+)	✓	Energy consumption (SDR) per 1000 hours *	68 kWh
Multiroom	✓		

Network		Power	
Wi-Fi *	✓	Energy consumption (HDR) per 1000 hours *	172 kWh
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	220-240 V
Bluetooth *	✓	AC input frequency	50/60 Hz
Bluetooth version	5.3	Energy saving mode	✓
Ethernet LAN *	✓	Energy efficiency scale	A to G
Web browser	✓	Brand-specific features	
Design		Samsung technologies (AV/TV)	4K AI Upscaling, Active Voice Amplifier Pro, Auto HDR Remastering, Q-Symphony, Samsung TV Plus, Supreme UHD Dimming
Product colour *	Carbon, Silver		
VESA mounting *	✓	Weight & dimensions	
Panel mounting interface	200 x 200 mm	Width (with stand)	1114.2 mm
Introduction year	2025	Depth (with stand)	238.6 mm
Performance		Height (with stand)	699.3 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Neo Quantum HDR	Weight (with stand)	13.3 kg
Teletext function	✓	Width (without stand)	1114.2 mm
Subtitles function	✓	Depth (without stand)	47.8 mm
Ambient mode	Ambient Mode+	Height (without stand)	643.6 mm
Eco sensor	✓	Weight (without stand)	12.9 kg
AI Upscale	✓	Stand width	96.7 cm
TV key support	✓	Stand depth	23.9 cm
Backlight dimming technology	Supreme UHD Dimming	Packaging data	
Picture processing technology	Samsung Real Depth Enhancer	Package width	1241 mm
		Package depth	142 mm
		Package height	744 mm
		Package weight	17.6 kg
		Package type	Box



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Catalog Object Cloud



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