

Samsung QN90F QE55QN90FAT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black, Titanium

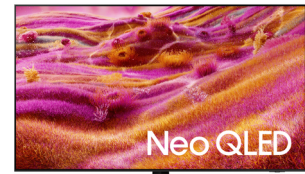
Brand : Samsung

Product family: QN90F

Product code:
QE55QN90FATXXH

Product name : QE55QN90FAT

Samsung QN90F QE55QN90FAT. Display diagonal: 139.7 cm (55"), Display resolution: 2160 x 3840 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: Black, Titanium



Display		Performance	
Display diagonal *	139.7 cm (55")	Tap view	✓
HD type *	4K Ultra HD	Multi View	✓
Display technology *	Neo QLED	Ports & interfaces	
Screen shape *	Flat	Ethernet LAN (RJ-45) ports	1
Motion interpolation technology *	Motion Xcelerator	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native refresh rate	120 Hz	Digital audio optical out	1
Display refresh rates supported	165 Hz	RF ports quantity	4
Display resolution *	2160 x 3840 pixels	Common interface (CI) *	✓
Display diagonal (metric)	138 cm	Common interface Plus (CI+) *	✓
TV tuner		Common interface Plus (CI+) version	1.4
Tuner type *	Analog & digital	HDMI ports quantity *	4
Digital signal format system *	DVB-CS2, DVB-T2	Consumer Electronics Control (CEC)	Anynet+
Number of tuners	2 tuner(s)	Management features	
Smart TV		Electronic Programme Guide (EPG)	✓
Smart TV *	✓	On Screen Display (OSD)	✓
Internet TV *	✓	Number of OSD languages	28
Operating system installed *	Tizen	Auto power off	✓
Apple AirPlay 2 support	✓	Works with Amazon Alexa	✓
Sound mirroring	✓	Power	
Hybrid Broadcast Broadband TV (HbbTV)	✓	Power consumption (typical) *	76 W
Hybrid Broadcast Broadband TV (HbbTV) version	HbbTV 2.0.4	Power consumption (standby) *	0.5 W
Audio		Power consumption (max)	235 W
RMS rated power *	60 W	Energy efficiency class (SDR) *	F
Audio output channels	4.2.2 channels	Energy efficiency class (HDR) *	G
Audio decoders	Dolby Atmos	Energy consumption (SDR) per 1000 hours *	76 kWh
Sound modes	Adaptive Sound Pro	Energy consumption (HDR) per 1000 hours *	209 kWh
Object Tracking Sound+ (OTS+)	✓	AC input voltage	220-240 V
Active voice amplifier (AVA)	✓	AC input frequency	50/60 Hz
Enhanced Audio Return Channel (eARC)	✓	Energy saving mode	✓
Network		Energy efficiency scale	A to G

Network		Brand-specific features	
Wi-Fi *	✓	Samsung technologies (AV/TV)	AI Motion Enhancer Pro, Auto HDR Remastering Pro, EyeComfort Mode, NQ4 AI Gen3 Processor, Q-Symphony, Quantum Matrix Technology Plus, Samsung Health, Samsung TV Plus, Wide Viewing Angle
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Bluetooth *	✓		
Bluetooth version	5.3		
Ethernet LAN *	✓		
Web browser	✓		
Design		Weight & dimensions	
Product colour *	Black, Titanium	Width (with stand)	1227.4 mm
VESA mounting *	✓	Depth (with stand)	237 mm
Panel mounting interface	200 x 200 mm	Height (with stand)	768.2 mm
Bezel type	4 Bezel-less	Weight (with stand)	20.6 kg
Performance		Width (without stand)	1227.4 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR+	Depth (without stand)	26.9 mm
		Height (without stand)	705.6 mm
		Weight (without stand)	17.7 kg
		Stand width	38.8 cm
		Stand depth	23.7 cm
		Packaging data	
Eco sensor	✓	Package width	1448 mm
AI Upscale	✓	Package depth	170 mm
TV key support	✓	Package height	826 mm
Backlight dimming technology	Ultimate UHD Dimming	Package weight	25.5 kg
Picture processing technology	Samsung Real Depth Enhancer Pro	Package type	Box
		Packaging content	
High Dynamic Range (HDR) supported *	✓	Cables included	AC
AMD FreeSync	✓	Remote control included	✓
AMD FreeSync type	FreeSync Premium Pro	Remote control type	TM2360E (UK, Italia add TM1240A)
Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)		



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Catalog Object Cloud



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