

Samsung QE85QN90BAT 2.16 m (85") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: QE85QN90BATXXU

Product name : QE85QN90BAT

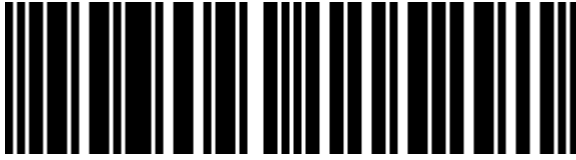


- Super-focused lights, epic blacks and a brilliantly intense picture
 - Catch all the action from any angle and see every brilliant detail, without distracting glare
 - Exceptional detail unveiled with bright colour and rich contrast
 - As quick as a flash, ready for your next-gen console
 - The brilliance of AI-powered 4K TV viewing
- 85", 3840 x 2160 4K Ultra HD, Neo QLED, DVB-T2/C/S2 x2, Quantum HDR 2000/HDR10+/HDMI2.1 Gaming/HLG, 4.2.2 ch/60 W, Tizen, F/G
- Samsung QE85QN90BAT. Display diagonal: 2.16 m (85"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: PQI (Picture Quality Index) 4600, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	2.16 m (85")	AMD FreeSync	✓
HD type *	4K Ultra HD	AMD FreeSync type	FreeSync Premium Pro
Display technology *	Neo QLED	Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plus, Super Ultra Wide Game View
Screen shape *	Flat	4K Ultra HD upscaling	✓
Native aspect ratio *	16:9	SmartThings app support	✓
Motion interpolation technology *	PQI (Picture Quality Index) 4600	360 video player support	✓
Native refresh rate	120 Hz	Wireless Dex support	✓
Dynamic contrast ratio marketing name	Quantum Matrix Technology	Multi View	✓
Display resolution *	3840 x 2160 pixels	TV sound to mobile device	✓
Display diagonal (metric)	214 cm	USB recording	✓
TV tuner		ConnectShare (HDD)	✓
Tuner type *	Analog & digital	ConnectShare (USB)	✓
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Ports & interfaces	
Auto channel search	✓	HDMI Quick Switch	✓
Smart TV		Audio Return Channel (ARC)	✓
Smart TV *	✓	PC in (D-Sub) *	✗
Internet TV *	✓	Ethernet LAN (RJ-45) ports	1
Operating system installed *	Tizen	USB 2.0 ports quantity *	2
Timeshift	✓	Digital audio optical out	1
Screen mirroring	✓	RF ports quantity	4
Sound mirroring	✓	Common interface (CI) *	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Common interface Plus (CI+) *	✓
Hybrid Broadcast Broadband TV (HbbTV) version	2.0.3	Common interface Plus (CI+) version	1.4
Smart modes	Filmmaker, Movie	HDMI ports quantity *	4
Far-field voice interaction	✓	Consumer Electronics Control (CEC)	Anynet+
TV initiate mirroring	✓	Management features	
Audio		Voice control	✓
RMS rated power *	60 W	Electronic Programme Guide (EPG)	✓
Audio output channels	4.2.2 channels	On Screen Display (OSD)	✓
Built-in subwoofer	✓	Number of OSD languages	27
Audio decoders	Dolby Digital, Dolby Digital Plus	Auto power off	✓
Audio pre-selection descriptor	✓	Works with Amazon Alexa	✓
		Works with the Google Assistant	✓

Audio		Management features	
Object Tracking Sound+ (OTS+)	✓	Works with Samsung Bixby	✓
Q-Symphony	✓	Universal Browse & Play	✓
Music wall	✓	Power	
Active voice amplifier (AVA)	✓	Power consumption (typical) *	146 W
Adaptive sound+	✓	Power consumption (standby) *	0.5 W
Enhanced Audio Return Channel (eARC)	✓	Power consumption (max)	375 W
Network		Energy efficiency class (SDR) *	F
Wi-Fi *	✓	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy consumption (SDR) per 1000 hours *	146 kWh
Bluetooth *	✓	Energy consumption (HDR) per 1000 hours *	357 kWh
Bluetooth version	5.2	AC input voltage	220 - 240 V
Ethernet LAN *	✓	AC input frequency	50 - 60 Hz
Wi-Fi Direct	✓	Energy efficiency scale	A to G
Browsing	✓	Brand-specific features	
Web browser	✓	Samsung technologies (AV/TV)	Ultimate UHD Dimming
HID support	✓	Weight & dimensions	
Design		Width (with stand)	1892.2 mm
Product colour *	Black	Depth (with stand)	365.5 mm
VESA mounting *	✓	Height (with stand)	1144.3 mm
Panel mounting interface	600 x 400 mm	Weight (with stand)	56.7 kg
Frameless design	✓	Width (without stand)	1892.2 mm
Introduction year	2022	Depth (without stand)	27.2 mm
Bezel type	4 Bezel-less	Height (without stand)	1081.9 mm
Stand type	Center stand	Weight (without stand)	44.5 kg
Stand colour	Black	Stand width	43 cm
Performance		Stand depth	36.5 cm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log-Gamma (HLG), Quantum HDR 2000	Packaging data	
Teletext function	✓	Package width	2087 mm
Subtitles function	✓	Package depth	223 mm
Ambient mode	Ambient Mode+	Package height	1267 mm
Eco sensor	✓	Package weight	70 kg
Brightness detection	✓	Packaging content	
Colour detection	✓	Desktop stand	✓
AI Upscale	✓	Mounting kit	✓
Picture processing technology	Quantum Processor 4K, Samsung Real Depth Enhancer	Cables included	AC
High Dynamic Range (HDR) supported *	✓	Remote control included	✓
IPv6 support	✓	Smart Remote included	✓
		E-manual	✓



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