

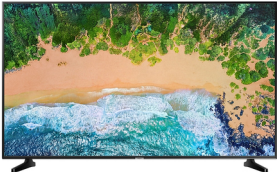
Samsung Series 7 UE50NU7090U 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product family: Series 7

Product code:
UE50NU7090UXZG

Product name : UE50NU7090U



Samsung Series 7 UE50NU7090U. Display diagonal: 127 cm (50"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Screen shape: Flat. Smart TV. Motion interpolation technology: PQI (Picture Quality Index) 1300, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Ports & interfaces	
Display diagonal *	127 cm (50")	HDMI Quick Switch	✓
HD type *	4K Ultra HD	Audio Return Channel (ARC)	✓
Display technology *	LED	PC in (D-Sub) *	✗
Screen shape *	Flat	DVI port	✗
Native aspect ratio *	16:9	Ethernet LAN (RJ-45) ports	1
Screen format adjustments	4:3, 16:9, Auto	USB 2.0 ports quantity *	2
Supported video modes	1080p, 2160p	Digital audio optical out	1
Supported graphics resolutions	1920 x 1080 (HD 1080), 3840 x 2160	RF ports quantity	1
Motion interpolation technology *	PQI (Picture Quality Index) 1300	Common interface (CI) *	✓
Dynamic contrast ratio marketing name	Mega Contrast	Common interface Plus (CI+) *	✓
Display resolution *	3840 x 2160 pixels	Common interface Plus (CI+) version	1.4
Display diagonal (metric)	125 cm	HDMI ports quantity *	2
TV tuner		Consumer Electronics Control (CEC)	Anynet+
Tuner type *	Analog & digital	Management features	
Digital signal format system *	DVB-C, DVB-S2, DVB-T2	Electronic Programme Guide (EPG)	✓
Auto channel search	✓	On Screen Display (OSD)	✓
Smart TV		Number of OSD languages	27
Smart TV *	✓	ECO mode	✓
Internet TV *	✓	Auto power off	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Sleep timer	✓
Hybrid Broadcast Broadband TV (HbbTV) version	1.5	On/Off timer	✓
Audio		Power	
Number of speakers *	2	Power consumption (typical) *	93 W
RMS rated power *	20 W	Power consumption (standby) *	0.5 W
Audio decoders	Dolby Digital, Dolby Digital Plus	Power consumption (max)	135 W
Multiroom	✓	AC input voltage	220 - 240 V
Multiroom audio technology	Samsung Multiroom Link	AC input frequency	50 - 60 Hz
Weight & dimensions			
		Width (with stand)	1124.8 mm
		Depth (with stand)	242.1 mm

Network		Weight & dimensions	
Wi-Fi *	✓	Height (with stand)	692.8 mm
Ethernet LAN *	✓	Weight (with stand)	13.8 kg
Wi-Fi Direct	✓	Width (without stand)	1124.8 mm
Browsing	✓	Depth (without stand)	59.7 mm
Web browser	✓	Height (without stand)	650.2 mm
		Weight (without stand)	13.6 kg
Design		Packaging data	
Product colour *	Black	Manual	✓
VESA mounting *	✓	Package width	1272 mm
On/off switch	✓	Package depth	153 mm
		Package height	790 mm
		Package weight	17.4 kg
		Package type	Box
Performance		Packaging content	
High Dynamic Range (HDR) technology	Hybrid Log-Gamma (HLG)	Desktop stand	✓
Game mode	✓	Cables included	AC
Teletext function	✓	Remote control included	✓
Subtitles function	✓	Remote control type	TM1240A
Video formats supported	3GP, ASF, AVI, FLV, MKV, MOV, MP4, PS, RMVB, SVAf, TS, VOB, VRO, WEBM, WMV	E-manual	✓
Audio formats supported	AAC, AIFF, ALAC, APE, FLAC, M4A, MIDI, MP3, MPA, OGG, WAV, WMA		
Image formats supported	BMP, JPEG, JPS, MPO, PNG	Other features	
Subtitle formats supported	AAS, MKV, SMI, SRT, SSA, SUB, TTXT, XML	Hybrid Log-Gamma (HLG)	✓
Backlight dimming technology	Local Dimming	PurColor	✓
Picture processing technology	Samsung Contrast Enhancer, Samsung UHD Up-Scaling	3D	✗
Digital Clean View	✓	Batteries included	✓
High Dynamic Range (HDR) supported *	✓	Built-in speaker(s)	✓
Processor cores	4	Annual energy consumption	129 kWh
4K Ultra HD upscaling	✓	Energy efficiency class (old)	A
ConnectShare (HDD)	✓		
ConnectShare (USB)	✓		

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