## Samsung Series 9 QN55QN90CAFXZX Televisor 139.7 cm (55") 4K Ultra HD Smart TV Wifi Plata

Marca : SamsungFamilia de productos: SeriesCódigo del producto:9QN55QN90CAFXZX

## Neo QLED

## Nombre del producto:

QN55QN90CAFXZX

- Quantum Matrix Technology
- Neural Quantum Processor 4K
- Anti Reflection
- 55" QN90C Neo QLED 4K Smart TV

Samsung Series 9 QN55QN90CAFXZX. Diagonal de la pantalla: 139.7 cm (55"), Resolución de la pantalla: 3840 x 2160 Pixeles, Tipo HD: 4K Ultra HD, Tecnología de visualización: Neo QLED, Forma de la pantalla: Plana. Smart TV. Relación de aspecto nativa: 16:9. Sistema de formato de señal digital: ATSC. Wifi, Ethernet. Color del producto: Plata



Display diagonal*         13.9 7 cm (55")         AMD FreeSync (type         FreeSync Premium Pro           HD type*         Net O(LED         Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plant Pro           Screen shape*         Flat         Game features         Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Motion Plant Pro           Native erfers rate         12.0 Hz         SmartThings app support         ✓           Display number of colours         3840 x 2160 pixels         Wireless Dex support         ✓           Display resolution*         3840 x 2160 pixels         Wireless Dex support         ✓           Turner type*         Analog & digital         MBR support         ✓           Turner type*         Analog & digital         MBR support         ✓           Smart TV*         ConnectShare (USB)         ✓           Smart TV*         Y         Y           Internet TV*         Y         Y           Operating system installed*         Tizen         Ethernet LAN (R)-45) ports         1           Audio         Tizen         Ethernet LAN (R)-45) ports         1           Audio output channels         4.2.2 channels         HDMI ports quantity*         2           Built-in subwoofer         Y         HDMI ports quantity*         4	Display		Performance	
Display technology*         Neo QLED         Auto Low Latency Mode (ALLM), Screen shape*         Auto Low Latency Mode (ALLM), Pamic Black EQ, Game Motion Plus           Native aspect ratio*         16:9         SmartThings app support         ✓           Native refresh rate         120 Hz         SmartThings app support         ✓           Display number of colours         1 billion colours         Tap view         ✓           Display resolution*         3840 x 2160 pixels         Wireless Dex support         ✓           Tuner type*         Analog & digital         MBR support         ✓           Tuner type*         Analog & digital         MBR support         ✓           Smart TV         V         ConnectShare (HDD)         ✓           Smart TV*         ✓         Ports interfaces         ✓           Internet TV*         ✓         PC in (D-Sub)*         X           Operating system installed *         Tizen         HEmertet LAN (R)-45) ports         1           RMS rated power *         60 W         RF ports quantity *         2           RMS rated power *         60 W         RF ports quantity *         2           Built-in subwoofer         ✓         New for squantity *         4           Cy-symphony         ✓         Consumer Electronics	Display diagonal *	139.7 cm (55")	AMD FreeSync	✓
Screen shape*         Flat         Game features         Dynamic Black EQ, Game Motion Plus           Native aspect ratio*         16:9         SmartThings app support            Native refresh rate         120 Hz         SmartThings app support            Display resolution*         3840 x 2160 pixels         Wireless Dex support            TV tuner         Multi View         -           Tuner type*         Analog & digital         MBR support            Smart TV         ConnectShare (USB)         -           Smart TV         ConnectShare (USB)         -           Internet TV*         *         Ports & interfaces           Internet TV*         *         PC in (D-Sub)*         X           Audio         *         Y         Y           Operating system installed*         *         PC in (D-Sub)*         X           RS rated power*         60 W         RF ports quantity         2           Audio output channels         4.2.2 channels         RF ports quantity         4           Built-in subwoofer         *         Consumer Electronic Sontrol (SEC)         Appretations           Wusic wall         *         Consumer Electronic Programme Guide (EPC)         *	* '		AMD FreeSync type	•
Native refresh rate         120 Hz         SmartThings app support         ✓           Display number of colours         1 billion colours         Tay view         ✓           Display resolution*         3840 x 2160 pixels         Wireless Dex support         ✓           TV tuner         Multi View         ✓           Tuner type*         Analog & digital         MBR support         ✓           Digital signal format system*         ATSC         ConnectShare (USB)         ✓           Smart TV         ATSC         ConnectShare (USB)         ✓           Smart TV*         ✓         Ports & interfaces         ✓           Internet TV*         ✓         PC in (D-Sub)*         X           Operating system installed*         Tizen         Ethernet LAN (RJ-45) ports         1           Audio         Tizen         LSB 2.0 ports quantity*         2           Audio output channels         4.2.2 channels         RF ports quantity*         2           Built-in subwoofer         ✓         RF ports quantity*         2           Audio output channels         ✓         RF ports quantity*         2           Audio decoders         Dolby Atmos         Respect squantity*         2           Music wall         ✓         Vic	Screen shape *	Flat	Game features	Dynamic Black EQ, Game Motion
Display resolution*         3840 x 2160 pixels         Wireless Dex support         ✓           TV tuner         Multi View         ✓           Tuner type *         Analog & digital         MBR support         ✓           Digital signal format system *         ATSC         ConnectShare (HDD)         ✓           Smart TV         ✓         ConnectShare (USB)         ✓           Smart TV*         ✓         Ports & interfaces           Internet TV*         ✓         PC in (D-Sub) *         X           Operating system installed *         Tizen         Ethernet LAN (R)-45) ports         1           Audio         Tizen         Ethernet LAN (R)-45) ports         1           Audio output channels and power *         60 W         Prost squantity *         2           Audio output channels and power *         4.2.2 channels and power squantity *         2         4           Built-in subwoofer and power *         ✓         MDMI ports quantity *         4         4           Q-Symphony and power *         ✓         Management features         4           Q-Symphony and power squantity and power squantity and power squantity *         4         4           Adaptive sound+ and power squantity	•		SmartThings app support	✓
TV tuner         Multi View         ✓           Tuner type *         Analog & digital         MBR support         ✓           Digital signal format system *         ATSC         ConnectShare (HDD)         ✓           Smart TV         ConnectShare (USB)         ✓           Smart TV *         Ports & interfaces         ✓           Internet TV *         ✓         PC in (D-Sub) *         X           Operating system installed *         Tizen         Ethernet LAN (R)-45) ports         1           Audio         USB 2.0 ports quantity *         2           Audio output channels         4.2.2 channels         RF ports quantity         2           Built-in subwoofer         4.2.2 channels         HDMI ports quantity *         2           Audio decoders         Dolby Atmos         Anagement features         Anynet+           Q-Symphony         ✓         Wanagement features         ✓           Music wall         ✓         Voice guide         ✓           Adaptive sound+         ✓         Electronic Programme Guide (EPG)         ✓           Multiroom         ✓         Auto power off         ✓           Enhanced Audio Return Channel (eARC)         Works with Amazon Alexa         ✓           Wi-Fi standards	Display number of colours	1 billion colours	Tap view	1
Tuner type *	Display resolution *	3840 x 2160 pixels	Wireless Dex support	✓
Digital signal format system* ATSC ConnectShare (HDD)    Smart TV  Smart TV*	TV tuner		Multi View	✓
Smart TVConnectShare (USB)✓Smart TV*✓Ports & interfacesInternet TV*✓PC in (D-Sub)*XOperating system installed*TizenEthernet LAN (RJ-45) ports1AudioUSB 2.0 ports quantity*2RMS rated power*60 WRF ports quantity2Audio output channels4.2.2 channelsHDMI ports quantity2Built-in subwoofer✓HDMI ports quantity*4Audio decodersDolby AtmosManagement featuresQ-Symphony✓Management featuresMusic wall✓Voice guide✓Adaptive sound+✓Electronic Programme Guide (EPG)✓Multiroom✓On Screen Display (OSD)✓Enhanced Audio Return Channel (eARC)✓Auto power off✓Works with Amazon Alexa✓NetworkWorks with Google Assistant✓Wi-Fi *✓Works with Samsung Bixby✓Wi-Fi standardsWi-Fi 5 (802.11ac)PowerBluetooth *✓PowerBluetooth version5.2AC input voltage110 - 127 V	Tuner type *	Analog & digital	MBR support	✓
Smart TV*  Internet TV*  Operating system installed* Tizen  Ethernet LAN (RJ-45) ports 1  Audio  RMS rated power* 60 W Audio output channels 8uilt-in subwoofer Audio decoders Oploby Atmos  Q-Symphony  Music wall  Adaptive sound+ Multiroom Enhanced Audio Return Channel (eARC)  Network  Wi-Fi *  Wi-Fi standards Buletooth *  Wi-Fi standards Wi-Fi 5 (802.11ac)  Music wall  V C in (D-Sub)* X Ethernet LAN (RJ-45) ports Pthenet LAN (RJ-45) ports 1  Audio (D-Sub)* X  Network  PC in (D-Sub)* X  Netherace  PC in (D-Sub)* X  Netherace  Netherace  Audio (D-Sub)* X  Netherace  Netherace  Audio (D-Sub)* X  Netherace  Audio output channel Audio optical out 1  AR  Netherace Audio optical out 1  Audio ports quantity 2  Audio ports quantity 4  Audio ports qu	Digital signal format system *	ATSC	ConnectShare (HDD)	✓
Internet TV*	Smart TV		ConnectShare (USB)	✓
Operating system installed * Tizen Ethernet LAN (RJ-45) ports 1  Audio	Smart TV *	<b>✓</b>	Ports & interfaces	
AudioUSB 2.0 ports quantity *2RMS rated power *60 WDigital audio optical out1Audio output channels4.2.2 channelsRF ports quantity2Built-in subwoofer✓HDMI ports quantity *4Audio decodersDolby AtmosConsumer Electronics Control (CEC)Anynet+Q-Symphony✓Management featuresMusic wall✓Voice guide✓Adaptive sound+✓Electronic Programme Guide (EPG)✓Multiroom✓Auto power off✓Enhanced Audio Return Channel (eARC)✓Works with Amazon Alexa✓NetworkWorks with Google Assistant✓Wi-Fi *✓Works with Samsung Bixby✓Wi-Fi standardsWi-Fi 5 (802.11ac)PowerBluetooth *✓Power consumption (max)230 WBluetooth version5.2AC input voltage110 - 127 V	Internet TV *	<b>✓</b>	PC in (D-Sub) *	×
RMS rated power * 60 W RF ports quantity 2 Audio output channels 4.2.2 channels HDMI ports quantity 4 Built-in subwoofer	Operating system installed *	Tizen	Ethernet LAN (RJ-45) ports	1
Audio output channels 4.2.2 chanlels	Audio			2
Q-SymphonyManagement featuresMusic wallVoice guide✓Adaptive sound+✓Electronic Programme Guide (EPG)✓Multiroom✓On Screen Display (OSD)✓Enhanced Audio Return Channel (eARC)Auto power off✓Works with Amazon Alexa✓Works with the Google Assistant✓Wi-Fi *✓Works with Samsung Bixby✓Wi-Fi standardsWi-Fi 5 (802.11ac)PowerBluetooth *✓Power consumption (max)230 WBluetooth version5.2AC input voltage110 - 127 V	Audio output channels Built-in subwoofer	4.2.2 channels ✓	RF ports quantity HDMI ports quantity *	2 4
Music wall  Adaptive sound+  Multiroom  Enhanced Audio Return Channel (eARC)  Network  Wi-Fi *  Wi-Fi standards  Bluetooth *  Bluetooth version  Music wall  Voice guide  Electronic Programme Guide (EPG)  Auto power off  Works with Amazon Alexa  Works with Amazon Alexa  Works with the Google Assistant  Works with Samsung Bixby  V  Power  Power  Power consumption (max)  AC input voltage  110 - 127 V		•	Management features	
Adaptive sound +		-		/
Multiroom  Enhanced Audio Return Channel (eARC)  Network  Wi-Fi *  Wi-Fi standards  Bluetooth *  Bluetooth version  To a consumption (max)  Auto power off  Works with Amazon Alexa  Works with the Google Assistant  Works with Samsung Bixby  Power  Power consumption (max)  AC input voltage  110 - 127 V		•	•	
Enhanced Audio Return Channel (eARC)  Network  Wi-Fi *  Wi-Fi standards  Bluetooth *  Bluetooth version  Solve the Auto power off  Works with Amazon Alexa  Works with the Google Assistant  Works with Samsung Bixby  Power  Power  Power consumption (max)  AC input voltage  Auto power off  Power off  Auto power off  Auto power off  Power off  Auto power off  Power off  Auto power off  Auto power off  Auto power off  Auto power off  Power off  Auto power off  Power off  Auto power off  Power off  Auto power off  Auto power off  Auto power off  Auto power off  Power off  Auto power off  Au	·	,	•	1
Works with Amazon Alexa  Works with the Google Assistant  Wi-Fi *  Wi-Fi standards  Wi-Fi 5 (802.11ac)  Bluetooth *  Bluetooth version  5.2  Works with Amazon Alexa  Works with Samsung Bixby  Power  Power  Power consumption (max)  AC input voltage  110 - 127 V		•		✓
Wi-Fi * Works with Samsung Bixby ✓ Wi-Fi standards Wi-Fi 5 (802.11ac) Power  Bluetooth * ✓ Power consumption (max) 230 W  Bluetooth version 5.2 AC input voltage 110 - 127 V		<b>/</b>	•	✓
Wi-Fi standards  Bluetooth *  Bluetooth version  5.2  AC input voltage  Power  Power  110 - 127 ∨	Network		Works with the Google Assistant	✓
Bluetooth * Power consumption (max) 230 W  Bluetooth version 5.2 AC input voltage 110 - 127 V	Wi-Fi *	✓	Works with Samsung Bixby	✓
Bluetooth * Power consumption (max) 230 W  Bluetooth version 5.2 AC input voltage 110 - 127 V	Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power	
Bluetooth version 5.2 AC input voltage 110 - 127 V	Bluetooth *	✓		230 W
Ethernet LAN * AC input frequency 50 - 60 Hz	Bluetooth version	5.2	• • • •	
	Ethernet LAN *	✓	AC input frequency	50 - 60 Hz

Network		Weight & dimensions	
Web browser	1	Width (with stand)	1227.4 mm
Design		Depth (with stand) Height (with stand)	237 mm 768.2 mm
Product colour *	Silver	Weight (with stand)	20.6 kg
VESA mounting *	✓	Width (without stand)	1227.4 mm
Panel mounting interface	200 x 200 mm	Depth (without stand)	26.9 mm
Bezel type	3 Bezel-less	Height (without stand)	705.6 mm
Performance		Weight (without stand)	17.7 kg
	Filmmaker Mode, High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Hybrid Log- Gamma (HLG)	Packaging data	
High Dynamic Range (HDR) technology		Package width Package depth Package height Package weight	1448 mm 170 mm 826 mm 26.2 kg
Teletext function	<b>✓</b>	Packaging content	
Subtitles function	✓	Desktop stand	✓
Ambient mode	Ambient Mode+	Cables included	AC
Eco sensor	✓	Remote control included	✓
Al Upscale	✓	E-manual	✓
TV key support	✓		
Picture processing technology	Samsung Real Depth Enhancer		
High Dynamic Range (HDR) supported *	1		

