SAMSUNG

# Samsung QN90A 189.2 cm (74.5") 4K Ultra HD Smart TV Wifi Negro

**Marca :** Samsung
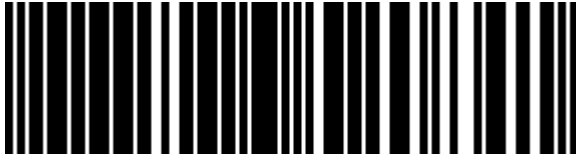
**Nombre del producto :** QN90A

**Código del producto:** QN75QN90AAFXZA

Samsung QN90A. Diagonal de la pantalla: 189.2 cm (74.5"), Resolución de la pantalla: 3840 x 2160 Pixeles, Tipo HD: 4K Ultra HD, Tecnología de visualización: QLED, Forma de la pantalla: Plana. Smart TV. Tecnología de interpolación de movimiento: Motion Rate 240. Sistema de formato de señal digital: ATSC. Wifi, Ethernet. Color del producto: Negro

## Display

| | |
|---|---|
| Display diagonal * | 189.2 cm (74.5") |
| HD type * | 4K Ultra HD |
| Display technology * | QLED |
| Screen shape * | Flat |
| Motion interpolation technology * | Motion Rate 240 |
| Dynamic contrast ratio marketing name | Quantum Matrix Technology |
| Display resolution * | 3840 x 2160 pixels |
| Anti-glare screen | ✔ |

## TV tuner

| | |
|---|---|
| Tuner type * | Analog & digital |
| Digital signal format system * | ATSC |
| Auto channel search | ✔ |

## Smart TV

| | |
|---|---|
| Smart TV * | ✔ |
| Operating system installed * | Tizen |
| Sound mirroring | ✔ |
| Smart modes | Filmmaker, Game, Natural |
| Far-field voice interaction | ✔ |
| Video apps | Samsung TV Plus |

## Audio

| | |
|---|---|
| RMS rated power * | 60 W |
| Built-in subwoofer | ✔ |
| Audio decoders | Dolby Digital Plus |
| Adaptive sound | ✔ |
| Object Tracking Sound+ (OTS+) | ✔ |
| Q-Symphony | ✔ |
| Music wall | ✔ |
| Active voice amplifier (AVA) | ✔ |
| Multiroom audio technology | Samsung Multiroom Link |

## Performance

| | |
|---|---|
| IPv6 support | ✔ |
| Game features | Dynamic Black EQ, Game Bar, Game Motion Plus, Super Ultra Wide Game View |
| SmartThings app support | ✔ |
| Tap view | ✔ |
| 360 camera support | ✔ |
| 360 video player support | ✔ |
| Adaptive picture | ✔ |
| Wireless Dex support | ✔ |
| MBR support | ✔ |
| Parental control | ✔ |

## Ports & interfaces

| | |
|---|---|
| HDMI Quick Switch | ✔ |
| Audio Return Channel (ARC) | ✔ |
| Ethernet LAN (RJ-45) ports | 1 |
| USB 2.0 ports quantity * | 4 |
| Digital audio optical out | 1 |
| Headphone outputs | 1 |
| RS-232C ports | 1 |
| RF ports quantity | 1 |
| HDMI ports quantity * | 4 |
| Consumer Electronics Control (CEC) | Anynet+ |

## Management features

| | |
|---|---|
| Voice guide | ✔ |
| Electronic Programme Guide (EPG) | ✔ |
| On Screen Display (OSD) | ✔ |
| Number of OSD languages | 3 |
| On Screen Display (OSD) languages | English, Spanish, French |
| Auto power off | ✔ |
| Works with Amazon Alexa | ✔ |

## Audio

| | |
|---|---|
| Enhanced Audio Return Channel (eARC) | ✔ |

## Network

| | |
|---|---|
| Wi-Fi * | ✔ |
| Bluetooth * | ✔ |
| Bluetooth version | 4.2 |
| Ethernet LAN * | ✔ |
| Wi-Fi Direct | ✔ |
| Bluetooth profiles | HID |
| Web browser | ✔ |
| HID support | ✔ |

## Design

| | |
|---|---|
| Product colour * | Black |
| VESA mounting * | ✔ |
| Panel mounting interface | 400 x 400 mm |
| Bezel type | 4 Bezel-less |

## Performance

| | |
|---|---|
| High Dynamic Range (HDR) technology | Hybrid Log-Gamma (HLG) |
| Subtitles function | ✔ |
| Ambient light sensor | ✔ |
| Ambient mode | Ambient Mode+ |
| Brightness detection | ✔ |
| Picture processing technology | Samsung Auto Motion Plus, Samsung Contrast Enhancer |
| Digital Clean View | ✔ |
| High Dynamic Range (HDR) supported * | ✔ |
| Image gallery | ✔ |

## Management features

| | |
|---|---|
| Works with the Google Assistant | ✔ |
| Works with Samsung Bixby | ✔ |

## Power

| | |
|---|---|
| Power consumption (typical) * | 110 W |
| Power consumption (standby) * | 0.5 W |
| Power consumption (max) | 290 W |
| AC input voltage | 110-120 V |
| AC input frequency | 50 - 60 Hz |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 1668.8 mm |
| Depth (with stand) | 317.5 mm |
| Height (with stand) | 1021 mm |
| Weight (with stand) | 44.8 kg |
| Width (without stand) | 1668.8 mm |
| Depth (without stand) | 27.9 mm |
| Height (without stand) | 957.6 mm |
| Weight (without stand) | 35 kg |
| Stand width | 39.1 cm |
| Stand depth | 31.8 cm |

## Packaging data

| | |
|---|---|
| Package width | 1841.5 mm |
| Package depth | 198.1 mm |
| Package height | 1127.8 mm |
| Package weight | 55 kg |

## Packaging content

| | |
|---|---|
| Cables included | AC |
| Remote control included | ✔ |
| Remote control type | TM2180E |
| E-manual | ✔ |

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