

Samsung QE50QN90CATXXU TV 127 cm (50") 4K Ultra HD Smart TV Wi-Fi

Brand : Samsung

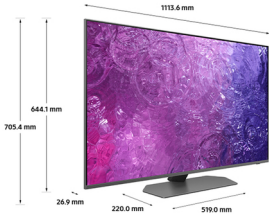
Product code: QE50QN90CATXXU

Product name : QE50QN90CATXXU

- Powered by Quantum Dot for a naturally bright and colourful picture
- Precisely controlled Mini LEDs create an incredibly sharp picture
- 4K 144Hz TV motion for gaming-monitor performance
- Brightness, colour and detail boosted by our most intelligent AI-powered 4K processor
- Virtual surround sound with Dolby Atmos technology

2023 50" QN90C Neo QLED 4K HDR Smart TV

Samsung QE50QN90CATXXU. Display diagonal: 127 cm (50"), HD type: 4K Ultra HD, Display technology: QLED. Smart TV. Contrast ratio (typical): 16:9, Native aspect ratio: 16:9. Wi-Fi



| Display                              |  | Management features              |                             |
|--------------------------------------|--|----------------------------------|-----------------------------|
| Display diagonal *                   | 127 cm (50")   | Voice control                    | ✓                           |
| HD type *                            | 4K Ultra HD  | Electronic Programme Guide (EPG) | ✓                           |
| Display technology *                 | QLED   | Auto power off                   | ✓                           |
| Native aspect ratio *                | 16:9   | Sleep timer                      | ✓                           |
| Contrast ratio (typical) *           | 16:9   | Works with Amazon Alexa          | ✓                           |
| Contrast ratio (dynamic)             | 16:9   | Works with the Google Assistant  | ✓                           |
| TV tuner                             |  | Works with Samsung Bixby         | ✓                           |
| Tuner type *                         | Analog & digital   | Power                            |                             |
| Auto channel search                  | ✓  | Power consumption (standby) *    | 0.5 W                       |
| Smart TV                             |  | Energy saving mode               | ✓                           |
| Smart TV *                           | ✓  | Technical details                |                             |
| Operating system installed *         | Tizen  | Sound technology                 | Dolby atmos                 |
| Screen mirroring                     | ✓  | Processor                        | Neural Quantum Processor 4K |
| Apple AirPlay 2 support              | ✓  | Weight & dimensions              |                             |
| Video apps                           | All 4, Apple TV, BBC iPlayer, BritBox, Catch-up TV, Disney+, Google TV, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, YouTube | Width (with stand)               | 1113.6 mm                   |
|                                      |  | Depth (with stand)               | 220 mm                      |
|                                      |  | Height (with stand)              | 705.4 mm                    |
| Music apps                           | Amazon Music, Apple Music, BBC Sounds, Spotify   | Weight (with stand)              | 17.6 kg                     |
| Sports apps                          | BT Sport   | Width (without stand)            | 1113.6 mm                   |
| Lifestyle apps                       | TikTok   | Depth (without stand)            | 26.9 mm                     |
| Audio                                |  | Height (without stand)           | 644.1 mm                    |
| Number of speakers *                 | 4  | Weight (without stand)           | 13.5 kg                     |
| RMS rated power *                    | 40 W   | Stand width                      | 51.9 cm                     |
| Audio decoders                       | Dolby Atmos  | Stand depth                      | 22 cm                       |
| Sound modes                          | Game, Movie  | Packaging data                   |                             |
| Enhanced Audio Return Channel (eARC) | ✓  | Screws included                  | ✓                           |
| Audio system                         | Dolby Atmos  | Quick start guide                | ✓                           |
| Network                              |  | Manual                           | ✓                           |
| Wi-Fi *                              | ✓  | Package width                    | 1317 mm                     |
|                                      |  | Package depth                    | 140 mm                      |

| Network                              |  | Packaging data                    |                                  |
|--------------------------------------|--|-----------------------------------|----------------------------------|
| Bluetooth *                          | ✓  | Package height                    | 767 mm                           |
| Miracast                             | ✗  | Package weight                    | 22.5 kg                          |
| Design                               |  | Packaging content                 |                                  |
| VESA mounting *                      | ✓  | Mounting kit                      | ✗                                |
| Panel mounting interface             | 200 x 200 mm   | Remote control included           | ✓                                |
| Stand type                           | Hexagon stand  | Remote control type               | TM2360E+TM1240A                  |
| Performance                          |  | Smart Remote included             | ✓                                |
|                                      |  | Other features                    |                                  |
| High Dynamic Range (HDR) technology  | High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming) | Hybrid Log-Gamma (HLG)            | ✓                                |
| Game mode                            | ✓  | 3D                                | ✗                                |
| Subtitles function                   | ✓  | Motion control                    | ✗                                |
| Dolby Vision                         | ✗  | Annual energy consumption         | 90 kWh                           |
| Ambient light sensor                 | ✓  | Aerial input                      | DVB-T2CS2 x 2                    |
| Backlight dimming technology         | Local Dimming  | HDMI                              | ✓                                |
| High Dynamic Range (HDR) supported * | ✓  | Country of origin                 | Slovakia                         |
| AMD FreeSync                         | ✓  | Dimensions (W x D x H) with stand | 1113.6 x 220 x 705.4 mm          |
| NVIDIA G-SYNC                        | ✗  | Mains power                       | ✓                                |
| 4K Ultra HD upscaling                | ✓  | Picture mode                      | Film, filmmaker                  |
| Auto standby                         | ✓  | Stand                             | Carbon Silver Sharp Neck Hexagon |
| Parental control                     | ✓  | Smart TV applications             | SmartThings                      |
| USB recording                        | ✓  | Analogue tuner                    | ✓                                |
| USB playback                         | ✓  | DVB-T2 tuner                      | ✓                                |
| Ports & interfaces                   |  | Dimensions (with stand) (WxHxD)   | 1113.6 x 705.4 x 220 mm          |
| HDMI version                         | 2.1  | News apps                         | BBC                              |
| Audio Return Channel (ARC)           | ✓  | Stand weight                      | 4.1 kg                           |
| Ethernet LAN (RJ-45) ports           | 1  |                                   |                                  |
| Digital audio optical out            | 1  |                                   |                                  |
| RF ports quantity                    | 1  |                                   |                                  |
| Common interface (CI) *              | ✓  |                                   |                                  |
| Common interface Plus (CI+) *        | ✓  |                                   |                                  |
| HDMI ports quantity *                | 4  |                                   |                                  |



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Publication date: 16-SEP-2024. Prints or copies of Information are only valid on the printed Publication date