## Samsung QE65QN90CATXXU TV 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi

Brand : Samsung Product code: QE65QN90CATXXU

Product name: QE65QN90CATXXU

- Powered by Quantum Dot for a naturally bright and colourful picture
- Precisely controlled Mini LEDs create an incredibly sharp picture.
- Experience the brilliant picture from every angle, with minimised distracting glare
- Brightness, colour and detail boosted by our most intelligent Al-powered 4K processor
- Cinematic sound reimagined with Dolby Atmos and 8 TV speakers

2023 65" QN90C Neo QLED 4K HDR Smart TV

Samsung QE65QN90CATXXU. Display diagonal: 165.1 cm (65"), HD type: 4K Ultra HD, Display technology: QLED. Smart TV. Contrast ratio (typical): 16:9, Native aspect ratio: 16:9. Wi-Fi









| Display                                             |                                                                                                             | Ports & interfaces                                                          |                                            |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------|
| Display diagonal * HD type * Display technology *   | 165.1 cm (65")<br>4K Ultra HD<br>QLED                                                                       | Common interface (CI) * Common interface Plus (CI+) * HDMI ports quantity * | <b>√ √ 4</b>                               |
| Native aspect ratio *                               | 16:9                                                                                                        | Management features                                                         |                                            |
| Contrast ratio (typical) * Contrast ratio (dynamic) | 16:9<br>16:9                                                                                                | Voice control<br>Electronic Programme Guide (EPG)                           | 1                                          |
| TV tuner                                            |                                                                                                             | Auto power off                                                              | 1                                          |
| Tuner type * Auto channel search                    | Analog & digital ✓                                                                                          | Sleep timer<br>Works with Amazon Alexa                                      | <b>∀</b>                                   |
| Smart TV                                            |                                                                                                             | Works with the Google Assistant                                             | <b>V</b>                                   |
| Smart TV *                                          | ✓                                                                                                           | Works with Samsung Bixby                                                    | <b>▼</b>                                   |
| Operating system installed *                        | Tizen                                                                                                       | Power                                                                       |                                            |
| Operating system version                            | Tizen                                                                                                       | Power consumption (standby) *                                               | 0.5 W                                      |
| Screen mirroring                                    | <b>√</b>                                                                                                    | Energy saving mode                                                          | 4                                          |
| Apple AirPlay 2 support                             | <b>√</b>                                                                                                    | Technical details                                                           |                                            |
| Video apps                                          | All 4, Amazon Prime Video, Apple<br>TV, BBC iPlayer, BritBox, Catch-up<br>TV, DAZN, Disney+, Google TV, ITV | Sound technology<br>Processor                                               | Dolby Atmos<br>Neural Quantum Processor 4K |
|                                                     | Hub, My5, NOW TV, Netflix, Rakuten TV, YouTube                                                              | Weight & dimensions                                                         |                                            |
| Music apps                                          | Amazon Music, Apple Music, BBC                                                                              | Width (with stand)                                                          | 1446.3 mm                                  |
|                                                     | Sounds, Spotify, YouTube Music                                                                              | Depth (with stand)                                                          | 270.6 mm                                   |
| Sports apps                                         | BT Sport                                                                                                    | Height (with stand)                                                         | 891.3 mm                                   |
| Lifestyle apps                                      | TikTok                                                                                                      | Weight (with stand)                                                         | 27.5 kg                                    |
| Audio                                               |                                                                                                             | Width (without stand)                                                       | 1446.3 mm                                  |
| Number of speakers *                                | 8                                                                                                           | Depth (without stand)                                                       | 25.9 mm                                    |
| RMS rated power *                                   | 60 W                                                                                                        | Height (without stand)                                                      | 828.7 mm                                   |
| Audio decoders                                      | Dolby Atmos, Dolby Digital                                                                                  | Weight (without stand)                                                      | 24.2 kg                                    |
| Sound modes                                         | Game, Movie                                                                                                 | Stand width Stand depth                                                     | 39 cm<br>27.1 cm                           |
| Enhanced Audio Return Channel (eARC)                | ✓                                                                                                           | ·                                                                           | Z1.1 CIII                                  |
| Audio system                                        | Dolby Atmos                                                                                                 | Packaging data                                                              |                                            |
|                                                     |                                                                                                             | Screws included                                                             | ✓                                          |

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|------------------------------|----------------------------------------------|-----------------------------------|----------------------------------|
| Network                      |                                              | Packaging data                    |                                  |
| Wi-Fi *                      | <b>✓</b>                                     | Quick start guide                 | <b>√</b>                         |
| Bluetooth *                  | ✓                                            | Manual                            | ✓                                |
| Wi-Fi Direct                 | <b>√</b>                                     | Packaging content                 |                                  |
| Miracast                     | ×                                            | Mounting kit                      | ×                                |
| Design                       |                                              | Remote control included           | ✓                                |
| VESA mounting *              | ✓                                            | Remote control type               | TM2360E+TM1240A                  |
| Panel mounting interface     | 400 x 300 mm                                 | Smart Remote included             | ✓                                |
| Stand type                   | Hexagon stand                                | Other features                    |                                  |
| Performance                  |                                              | Hybrid Log-Gamma (HLG)            | <b>√</b>                         |
|                              | High Dynamic Range 10+ Adaptive              | 3D                                | ×                                |
| High Dynamic Range (HDR)     | (HDR10 Plus Adaptive), High                  | Motion control                    | ×                                |
| technology                   | Dynamic Range 10+ Gaming (HDR10 Plus Gaming) | Annual energy consumption         | 132 kWh                          |
| Game mode                    | ✓                                            | Aerial input                      | DVB-T2CS2 x 2                    |
| Subtitles function           | ,                                            | HDMI                              | ✓                                |
| Dolby Vision                 | ×                                            | Country of origin                 | Hungary                          |
| Ambient light sensor         | 7                                            | Dimensions (W x D x H) with stand | 1446.3 x 270.6 x 891.3 mm        |
| Backlight dimming technology | Local Dimming                                | Mains power                       | ✓                                |
| High Dynamic Range (HDR)     |                                              | Stand                             | Carbon Silver Sharp Neck Hexagon |
| supported *                  | ✓                                            | Picture mode                      | Film, filmmaker                  |
| AMD FreeSync                 | ✓                                            | Smart TV applications             | SmartThings                      |
| NVIDIA G-SYNC                | ×                                            | Analogue tuner                    | ✓                                |
| 4K Ultra HD upscaling        | ✓                                            | DVB-T2 tuner                      | ✓                                |
| Auto standby                 | ✓                                            | Dimensions (with stand) (WxHxD)   | 1446.3 x 891.3 x 270.6 mm        |
| Parental control             | ✓                                            | News apps                         | BBC                              |
| USB recording                | ✓                                            | Stand weight                      | 3.3 kg                           |
| USB playback                 | ✓                                            |                                   |                                  |
| Ports & interfaces           |                                              |                                   |                                  |
| HDMI version                 | 2.1                                          |                                   |                                  |
| Audio Return Channel (ARC)   | ✓                                            |                                   |                                  |
| Ethernet LAN (RJ-45) ports   | 1                                            |                                   |                                  |
| Digital audio optical out    | 1                                            |                                   |                                  |
| RF ports quantity            | 1                                            |                                   |                                  |
|                              |                                              |                                   |                                  |



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