

Samsung QE55QN90DATXXU TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: QE55QN90DATXXU

Product name : QE55QN90DATXXU

- Ultra Viewing Angle with Anti-Reflection Screen: Experience the brilliant picture from every angle, with minimised glare
  - Object Tracking Sound Plus & Dolby Atmos®: Immersive sound that follows the action on screen with 8 TV speakers
  - Motion Xcelerator 144Hz: Experience ultra-smooth TV gaming with up to 4K 144Hz motion
  - NQ4 AI Gen2 Processor: Brightness, colour and detail boosted by our most intelligent 4K AI processor
- 2024 55" QN90D Neo QLED 4K HDR Smart TV  
Samsung QE55QN90DATXXU. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. Smart TV. Wi-Fi, Ethernet LAN. Product colour: Black



| Display                              |   | Management features                       |                       |
|--------------------------------------|---|---|-----------------------|
| Display diagonal *                   | 139.7 cm (55")  | Voice control                             | ✓                     |
| HD type *                            | 4K Ultra HD   | Electronic Programme Guide (EPG)          | ✓                     |
| Display technology *                 | Neo QLED  | Auto power off                            | ✓                     |
| Screen shape *                       | Flat  | Sleep timer                               | ✓                     |
| Display resolution *                 | 3840 x 2160 pixels  | Works with Amazon Alexa                   | ✓                     |
| TV tuner                             |   | Works with the Google Assistant           | ✓                     |
| Tuner type *                         | Analog & digital  | Works with Samsung Bixby                  | ✓                     |
| Auto channel search                  | ✓   | Power                                     |                       |
| Smart TV                             |   | Power consumption (typical) *             | 77 W                  |
| Smart TV *                           | ✓   | Power consumption (standby) *             | 0.5 W                 |
| Operating system installed *         | Tizen   | Power consumption (max)                   | 225 W                 |
| Operating system version             | Tizen   | Energy efficiency class (SDR) *           | F                     |
| Screen mirroring                     | ✓   | Energy efficiency class (HDR) *           | G                     |
| Apple AirPlay 2 support              | ✓   | Energy consumption (SDR) per 1000 hours * | 77 kWh                |
| Video apps                           | All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, DAZN, Disney+, Google TV, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, YouTube | Energy consumption (HDR) per 1000 hours * | 174 kWh               |
|                                      |   | Energy saving mode                        | ✓                     |
| Music apps                           | Amazon Music, Apple Music, BBC Sounds, Spotify  | Technical details                         |                       |
| Sports apps                          | BT Sport  | Sound technology                          | Dolby Atmos           |
| Lifestyle apps                       | TikTok  | Processor                                 | NQ4 AI Gen2 Processor |
| Audio                                |   | Weight & dimensions                       |                       |
| Number of speakers *                 | 2   | Width (with stand)                        | 1227.4 mm             |
| RMS rated power *                    | 60 W  | Depth (with stand)                        | 237 mm                |
| Audio output channels                | 4.2.2 channels  | Height (with stand)                       | 768.2 mm              |
| Audio decoders                       | Dolby Atmos, Dolby Digital  | Weight (with stand)                       | 20.6 kg               |
| Sound modes                          | Game, Movie   | Width (without stand)                     | 1227.4 mm             |
| Enhanced Audio Return Channel (eARC) | ✓   | Depth (without stand)                     | 26.9 mm               |
| Audio system                         | Dolby Atmos   | Height (without stand)                    | 705.6 mm              |
|                                      |   | Weight (without stand)                    | 17.7 kg               |
|                                      |   | Packaging data                            |                       |
|                                      |   | Package width                             | 1448 mm               |

| Network                              |   | Packaging data                    |                         |
|--------------------------------------|---|-----------------------------------|-------------------------|
| Wi-Fi *                              | ✓   | Package depth                     | 170 mm                  |
| Bluetooth *                          | ✓   | Package height                    | 826 mm                  |
| Bluetooth version                    | 5.2   | Package weight                    | 26.2 kg                 |
| Ethernet LAN *                       | ✓   | Packaging content                 |                         |
| Miracast                             | ✗   | Mounting kit                      | ✓                       |
| Design                               |   | Remote control included           | ✓                       |
| Product colour *                     | Black   | Remote control type               | TM2360E                 |
| VESA mounting *                      | ✓   | Smart Remote included             | ✓                       |
| Panel mounting interface             | 200 x 200 mm  | Other features                    |                         |
| Stand type                           | Hexagon stand   | Hybrid Log-Gamma (HLG)            | ✓                       |
| Performance                          |   | 3D                                | ✗                       |
| High Dynamic Range (HDR) technology  | HDR 10+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming) | Motion control                    | ✗                       |
| Subtitles function                   | ✓   | Annual energy consumption         | 107 kWh                 |
| Dolby Vision                         | ✗   | Aerial input                      | DVB-T2CS2 x 2           |
| Ambient light sensor                 | ✓   | HDMI                              | ✓                       |
| High Dynamic Range (HDR) supported * | ✓   | Country of origin                 | Slovakia                |
| AMD FreeSync                         | ✓   | Dimensions (W x D x H) with stand | 1277.4 x 237 x 768.2 mm |
| NVIDIA G-SYNC                        | ✗   | Mains power                       | ✓                       |
| 4K Ultra HD upscaling                | ✓   | Stand                             | SHARP NECK HEXAGON      |
| Auto standby                         | ✓   | Picture mode                      | Film, filmmaker         |
| Parental control                     | ✓   | Smart TV applications             | SmartThings             |
| USB recording                        | ✓   | Analogue tuner                    | ✓                       |
| USB playback                         | ✓   | DVB-T2 tuner                      | ✓                       |
| Ports & interfaces                   |   | Dimensions (with stand) (WxHxD)   | 1277.4 x 768.2 x 237 mm |
| HDMI version                         | 2.1   |                                   |                         |
| Audio Return Channel (ARC)           | ✓   |                                   |                         |
| 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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