

# Samsung QE65QN90FAT - 65" Diagonal Class QN90F Series LED-backlit LCD TV

Neo QLED - Smart TV - Tizen OS - 4K UHD (2160p) 3840 x 2160 - HDR - Quantum Mini LED - black

|                       |                |
|-----------------------|----------------|
| Group                 | Flat Screens   |
| Manufacturer          | Samsung        |
| Manufacturer item no. | QE65QN90FATXXH |
| EAN/UPC               | 8806095995489  |



## Description

Samsung QE65QN90FAT - 65" Diagonal Class QN90F Series LED-backlit LCD TV - Neo QLED - Smart TV - Tizen OS - 4K UHD (2160p) 3840 x 2160 - HDR - Quantum Mini LED - black

## Main features

|                                     |                                                                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description                 | Samsung QE65QN90FAT QN90F Series - 65" LED-backlit LCD TV - Neo QLED - 4K                                                                                                         |
| Product Type                        | LED-backlit LCD TV - Neo QLED - Smart TV                                                                                                                                          |
| Energy Label QR Code URL            | <a href="https://eprel.ec.europa.eu/qr/2205028">https://eprel.ec.europa.eu/qr/2205028</a>                                                                                         |
| Diagonal Class                      | 65"                                                                                                                                                                               |
| Colour                              | Black                                                                                                                                                                             |
| Platform                            | Tizen OS                                                                                                                                                                          |
| Resolution                          | 3840 x 2160                                                                                                                                                                       |
| Display Format                      | 4K UHD (2160p)                                                                                                                                                                    |
| HDR Format                          | HDR10+                                                                                                                                                                            |
| HDR Technology                      | HDR10+ Adaptive, HDR10+ Gaming, Neo Quantum HDR+                                                                                                                                  |
| Frame Rate & Enhancement Technology | Variable Refresh Rate (VRR), Motion Xcelerator 165Hz, 120Hz (Up to 165Hz) Refresh Rate                                                                                            |
| Video Interface                     | HDMI                                                                                                                                                                              |
| HDMI Ports Qty                      | 4 ports                                                                                                                                                                           |
| Connectivity                        | Wi-Fi, LAN, Bluetooth                                                                                                                                                             |
| LCD Backlight Technology            | Quantum Mini LED Ultimate UHD Dimming, Quantum Matrix Technology Plus                                                                                                             |
| Image Aspect Ratio                  | 16:9                                                                                                                                                                              |
| TV Tuner                            | 1x analogue, 2x digital                                                                                                                                                           |
| Digital TV Tuner                    | DVB-C, DVB-S2, DVB-T2                                                                                                                                                             |
| Internet Streaming Services         | HbbTV 2.0.4                                                                                                                                                                       |
| Picture Enhancements                | Dynamic Black EQ, Wide Viewing Angle, Real Depth Enhancer Pro, AI Motion Enhancer Pro, HDR Brightness Optimizer, Auto HDR Remastering Pro, 4K AI Upscaling Pro, Color Booster Pro |

|                                    |                                                        |
|------------------------------------|--------------------------------------------------------|
| Speaker System                     | 4.2.2 channel                                          |
| Platform                           | SmartThings, Matter                                    |
| Intelligent Assistant              | Bixby (not available for some languages and countries) |
| USB                                | 2 ports                                                |
| Included Accessories               | Samsung TM2360E remote control                         |
| Voltage                            | AC 220-240 V (50/60 Hz)                                |
| Energy Class                       | Class F                                                |
| Power Consumption Operational      | 89 watt                                                |
| Power Consumption Stand by         | 0.5 watt                                               |
| Energy Consumption per Year        | 123 kWh                                                |
| Dimensions (WxDxH) - without stand | 144.63 cm x 2.69 cm x 82.87 cm                         |
| Weight                             | 24.2 kg                                                |
| Manufacturer Warranty              | 2-year warranty                                        |

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