



# SAMSUNG

50" QN90D Neo QLED 4K TV (2024)

QN50QN90DAFXZA

SKU: 156249    UPC: 887276816814

Samsung QN90D Neo QLED 4K TV. This elite TV features crisp resolution, clear motion and high contrast. It has a brilliant and smooth picture made possible by ultra-fine lighting and brightness.

## Features

- **Quantum Matrix with Mini LEDs:** Catch every detail in dark to bright scenes. Precise lighting from Mini LEDs boost brightness so nothing is missed. It all works to make the picture that much more intense.
- **Neo Quantum HDR+:** See sensational contrast, stellar brightness and vivid color—just as the director intended. No exaggeration: the things on screen look true enough to touch. Absorb all the nuances of the latest Hollywood movies and tv shows made for High Dynamic Range.
- **Dolby Atmos™ and Object Tracking Sound+:** Get in the middle of the action with built-in Dolby Atmos®. When cars are speeding across the screen, 3D sound moves right along with them thanks to Object Tracking Sound.
- **Real Depth Enhancer Pro:** Experience depth and dimension on screen just like real life. Real Depth Enhancer Pro finds the focal point in each frame and adjusts for a fully dimensional picture.
- **4K AI Upscaling:** Content instantly transformed to incredibly sharp up to 4K resolution. Whether streaming an HD movie, watching live sports, or looking back at home videos, experience it all transformed into sharp 4K resolution.
- **NQ4 AI Gen2 Processor:** The power behind the 4K picture that actively improves the quality. The NQ4 AI Gen2 Processor keeps everything running, using 20 specialized networks to drive the intuitive Smart TV Hub, Dolby Atmos™ sound, and expertly upscaled 4K resolution.
- **Motion Xcelerator 144Hz:** Play games and content with smooth motion and virtually no lag or blur. Get uninterrupted action with crisp visuals rendered at top speeds, so one always has a seamless, non-stop picture.
- **Auto HDR Remastering:** Elevate the viewing experience with our best 4K color and contrast. AI-based algorithms help create brighter highlights and details.
- **HDR Brightness Optimizer:** Dark scenes become detailed so that everything is more visible. The tone of the image adjusts in real time so one can see the screen in any lighting. Plus with improved brightness, get a rich picture with more to see.
- **Samsung Tizen OS:** Stream top shows. Play games. Work out with a trainer. Do it all with Smart TV Powered by Tizen. Discover must-have apps and streaming services all just a few clicks away.