



PRODUCT HIGHLIGHTS

- PurColor
- HDR Premium
- MR 120
- Quad-Core Processor
- New Smart Hub

SIZE CLASS

55"

UN55KU6290

Enjoy 4K Ultra HD resolution and High Dynamic Range (HDR) content that delivers greater clarity with UHD Dimming and a fuller spectrum of color with PurColor. Access your favorite content quicker and easier with the new Samsung Smart TV platform powered by a Quad-Core Processor.

KEY FEATURES

PICTURE QUALITY

- PurColor
- HDR Premium
- MR 120
- Contrast Enhancer
- UHD Dimming

SMART FEATURES

- Quad-Core Processor
- Smart Hub
- Web Browser
- Apps

SMART CONNECTIVITY

- TV to Mobile/Mobile to TV Mirroring
- Smart View App (Content Sharing + 2nd TV + App Casting)

CONNECTIONS

- 3 HDMI Connections¹
- 2 USB Connections
- 802.11 AC Built-In WiFi
- 1 Component In
- 1 Composite In (AV)

AUDIO

- Dolby® Digital Plus
- DTS® Premium Sound | 5.1™ Decoding
- 20 Watt 2 Channel

ECO SENSOR

INCLUDES

- Standard Remote Control

INDUSTRY CERTIFICATIONS

- 4K Ultra HD Connected

¹ HDMI – CEC (Consumer Electronics Control) facilitates convenient control functions with compatible devices

KEY FEATURES (page 1 of 2)

PICTURE QUALITY

PURCOLOR

Brings you closer to what nature intended with accurate expression of color in life-like detail.

HDR PREMIUM

Displays HDR (High Dynamic Range) content from new generation Ultra HD Blu-Ray, HDR streaming content, and HDR content available on Vidity compliant storage devices. Meets CTA HDR-compatible requirements.¹

DIRECT LED BACKLIGHTING

For high performance brightness, color, and efficiency.

MR 120

Enjoy fast-action moving picture resolution with outstanding refresh rate, processing speed, and backlight technology.

CONTRAST ENHANCER

Experience a greater sense of depth with optimized contrast across multiple zones of the picture.

UHD DIMMING

Optimizes color, contrast, and image detail by processing the image characteristics prior to them being displayed on the screen.

ULTRA CLEAR PANEL

Get the best picture with minimized glare from any angle with a screen that absorbs ambient light, reduces reflections, and lets the picture come to life.

UHD UPSCALING

Upgrade lower resolution media to a stunning near ultra high-definition experience with enhanced detail and optimized picture quality.

SMART FEATURES

QUAD-CORE PROCESSOR

Enjoy a fluid browsing experience and faster control – switching between apps, streaming content, and other media effortlessly.²

SMART APPS

Put your favorite media and entertainment at your fingertips with apps built for your Samsung Smart TV – including streaming TV and movies, sports, social media, interactive games, weather, and more.³

FULL WEB BROWSER

Easily browse the web right on your TV – enjoy everything from online shopping and social media to entertainment news.³

SMART CONNECTIVITY

SCREEN MIRRORING

Mirror your phone or other compatible device's screen onto the TV's screen, instead of using your device's smaller screen to show content, media playback, or other functions.

CONNECTSHARE™ MOVIE

Plug your favorite entertainment and media into your TV – watch videos, play music, or view photos through a USB connection.

SMART VIEW 2.0

Watch your TV entertainment on your mobile device – or your mobile media on your TV.³

¹Complies with CTA (Consumer Technology Association) definition requirement for HDR open standard profile playback

²Versus Dual-Core Processor

³All devices must be on the same network and Internet connection is required

KEY FEATURES (page 2 of 2)

CONNECTIONS

HDMI®

Enjoy higher quality audio and video with an HDMI connection that transmits both signals over a single cable. Compatible with next generation Ultra HD Blu-ray players and HDR content decoding.¹

WI-FI

Enjoy your favorite on-demand content seamlessly through your existing network with built-in Wi-Fi (802.11 AC).

1 COMPONENT IN

Analog video connection transmits HD RGB video using three RCA connections.

1 COMPOSITE IN (SHARED WITH AV COMPONENT INPUT)

Analog video connection transmits video using one RCA connection.

AUDIO

DOLBY® DIGITAL PLUS

Enjoy the ultimate in digital sound quality on all your favorite movies, TV shows, and streaming content. Dolby Digital Plus optimizes your entertainment experience with enhanced sound richness and clarity.

DTS® STUDIO SOUND

Advanced audio processing adapts the Digital Theater System stream to your stereo system, creating a cinematic digital audio experience for your home entertainment system.

DTS® PREMIUM SOUND 5.1™

Feel like you're part of the action by immersing your senses in 5.1 surround sound.

ECO SENSOR

Enjoy a crystal-clear picture while saving energy with technology that intelligently adapts the screen's brightness to the intensity of the light in the room.

INCLUDES

STANDARD REMOTE CONTROL

INDUSTRY CERTIFICATION LOGOS

4K ULTRA HD CONNECTED

All Samsung 2016 4K UHD and SUHD televisions comply with the CTA 4K Ultra High-Definition Connected definition requirements. The trade organization known as the Consumer Technology Association (CTA)® is considered an industry authority on engineering standards for consumer electronics in the United States. Visit www.cta.tech for more information.

¹ Complies with CTA (Consumer Technology Association) definition requirement for HDR open standard profile playback

©2016 Samsung Electronics America, Inc. Samsung is a trademark or registered trademark of Samsung Electronics Co., Ltd. Samsung and Samsung SMART TV are trademarks or registered trademarks of Samsung Electronics Co., Ltd. All other brand, product and service names and logos are marks and/or registered trademarks of their respective owners. Screen images are simulated. Some devices may require Internet access. Apps may vary by product model. 4K UHD launch timing may vary by provider. Selection of 4K UHD content subject to individual content provider availability. Only select titles are available in 4K UHD. The Ultra HD Premium logo is a trademark of UHD Alliance, Inc.

MODELS

MODEL: UN55KU6290
ORDER CODE: UN55KU6290FXZA

SCREEN SIZE CLASS: 55"

SCREEN DIAGONAL MEASUREMENT: 54.6"

UPC CODE: 887276170091

COUNTRY OF ORIGIN: Mexico

DIMENSIONS (INCHES W x H x D):

- **TV WITHOUT STAND:** 48.9 x 31 x 12.2
- **TV WITH STAND:** 48.9 x 28.3 x 2.5
- **SHIPPING:** 58.5 x 32.2 x 6.1
- **STAND FOOTPRINT:** 32.8 x 6.3 x 12.2

WEIGHT (LBS):

- **TV WITHOUT STAND:** 33.1
- **TV WITH STAND:** 35.3
- **SHIPPING:** 49.2

VESA SUPPORT: Yes (400 mm x 400 mm)

ACCESSORIES INCLUDED IN BOX:

- **REMOTE MODEL:** Smart Control TM1640A