



Philips 7600 series  
4K UHD Razor Slim TV  
powered by Android™  
with Ambilight 3-sided and  
Pixel Precise Ultra HD

**139 cm (55")**

4K Ultra HD LED TV  
Quad Core, 16GB & expandable  
Twin Tuner DVB-T/T2/C/S/S2



**55PUS7600**

## 4K UHD Razor Slim LED TV powered by Android

With Ambilight 3-sided

The 7600 series elevates the power of Android to an art form. From its Razor Slim design to the 4K UHD that delivers smooth moving images, it's beautiful inside and out. No wonder the EISA jury named it European Best Buy TV 2015-16.

### **Crafted Lightness**

- The Blade stand uses design to improve your experience
- Ambilight changes the way you look at TV forever

### **Passionate about Picture Quality**

- 4K Ultra HD: resolution like you've never seen it before
- Micro Dimming Pro for incredible contrast
- Ultra Resolution converts any content into crisp Ultra HD
- Pixel Precise Ultra HD: discover vivid UHD Picture Quality

### **Exhilarating. Limitless. Powered by Android**

- Google Play store and Philips app gallery: look beyond TV
- Swipe, type, talk and more—truly Smart interaction
- Unleash the power of Quad Core and integrated Android

### **Thin TV - Big sound**

- Philips Double Ring technology for rich and powerful bass
- Hear every detail with DTS Premium Sound



# PHILIPS

4K UHD Razor Slim TV powered by Android™ with Ambilight 3-sided and Pixel Precise Ultra HD

139 cm (55") 4K Ultra HD LED TV, Quad Core, 16GB & expandable, Twin Tuner DVB-T/T2/C/S/S2

## Highlights

### Blade Chrome stand

You watch TV for what's on the screen, not what's under it. We designed our polished chrome blade stand so all the emphasis is on the TV—as it should be.

### Ambilight 3-sided

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from three-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

### 4K Ultra HD

Ultra HD TV has 4 times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion, and flawless details.

### Micro Dimming Pro

Micro Dimming Pro optimizes the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyze the picture in 6400 different

zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

### Ultra Resolution

Ultra Resolution converts any content into a sharper Ultra HD picture on screen. Advanced upscaling combined with Philips unique line thinning algorithms transform original pixels into better pixels. The result is a visibly more refined image with finer lines, and greater, deeper details.

### Pixel Precise Ultra HD

The beauty of 4K Ultra HD TV is in savoring every detail. Philips Pixel Precise Ultra HD engine converts any input picture into stunning UHD resolution on your screen. Enjoy a smooth, yet sharp moving image and exceptional contrast. Discover deeper blacks, whiter whites, vivid colors and natural skin tones—every time and from any source.

### Quad Core + Android

Philips Quad Core processor meets the power of Android to deliver an exciting gaming experience. And with Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive, and super fun.

### TV Content

The Google Play store and Philips app gallery go beyond traditional TV programming to

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bring you a big online collection of movies, TV, music, apps and games. 16GB of expandable memory means there's plenty of room to store all your favorite content and to install more apps.

### Smart Interaction

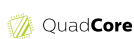
We've made our new remote controls as fun to use as the Android TVs they're paired with. Enter text using Google voice\* or a full Qwerty keyboard. Say: 'Open YouTube' to launch the app. Swipe through your family photos on our touch-sensitive swipe pad. Or simply use it as a classic remote.

### Double Ring technology

Philips Double Ring technology allows for increased speaker movement in the subwoofers—and more movement means more punch! So you'll enjoy strong, rich bass even in a thin TV design.

### DTS Premium Sound

Great TV speakers demand a powerful processing engine that preserves the purity of the original audio content. DTS Premium Suite is designed to deliver the experience consumers have come to expect from high end sound processing: immersive surround with deep, rich bass and crystal clear dialog that's delivered at maximum volume levels and without any fluctuations, clipping, or distortion.



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# Specifications

## Ambilight

- Ambilight Version: 3 sided
- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight+hue

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- 3D: Active 3D, 2 Player Full Screen Gaming\*, 2D to 3D conversion, Auto 3D detection
- Aspect ratio: 16:9
- Brightness: 400 cd/m<sup>2</sup>
- Pixel engine: Pixel Precise Ultra HD
- Picture enhancement: Perfect Natural Motion, 1400 Hz Perfect Motion Rate, Micro Dimming Pro, Ultra Resolution

## Android

- OS: Android™ 5.0 (Lollipop)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google search, Voice Search, YouTube, Netflix\*
- Memory size: 16GB, extendable via USB storage

## Smart TV Features

- User Interaction: MultiRoom Client and Server, SimplyShare, Wi-fi Miracast Certified\*
- Interactive TV: HbbTV
- Program: Pause TV, USB Recording\*
- SmartTV apps\*: Online Video Stores, Open Internet Browser, Social TV, Spotify, TV on Demand, Youtube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Smart Menu button, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard, with Swipe, with Voice

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 30W
- Sound Enhancement: Clear Sound, DTS Studio Sound, Smart Sound, Triple Surround

## Connectivity

- Number of HDMI connections: 4
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi Direct, Wi-Fi 11n 2x2 integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Audio in (DVI), Headphone out, Service connector, Satellite Connector
- HDMI features: 3D, 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on HDMI1

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC
- Subtitles Formats Support: .SMI, .SRT, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS, BMS, MPO

## Supported Display Resolution

- Computer inputs on all HDMI: @60Hz, up to 4K Ultra HD 3840x2160
- Video inputs on all HDMI: @ 24, 25, 30, 50, 60Hz, up to 4K Ultra HD 3840x2160p

## Tuner/Reception/Transmission

- Digital TV: 2x DVB-T/T2/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide\*: 8 day Electronic Program Guide

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- Signal strength indication
- Teletext: 1000 page Hypertext

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 110 W
- Annual energy consumption: 153 kWh
- Energy Label Class: A
- Standby power consumption: < 0.5 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

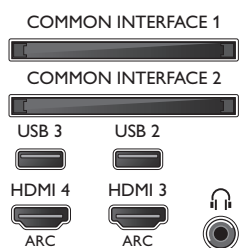
## Dimensions

- Set thickness: 17 mm
- Box dimensions (W x H x D): 1370 x 935 x 199 mm
- Set dimensions (W x H x D): 1228 x 709 x 42.2 mm
- Set dimensions with stand (W x H x D): 1320 x 762 x 215 mm
- Product weight: 17.9 kg
- Product weight (+stand): 18.6 kg
- Weight incl. Packaging: 24.2 kg
- VESA wall mount compatible: 200 x 200 mm

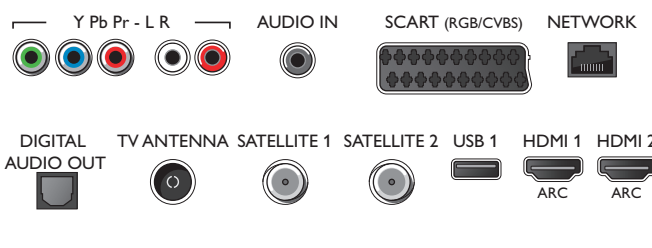


## Connections

### Side



### Rear



Issue date 2015-09-29

Version: 13.3.1

12 NC: 8670 001 23263  
EAN: 87 18863 00174 5

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[www.philips.com](http://www.philips.com)

\* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.

\* EPG and actual visibility (up to 8 days) is country and operator dependent.

\* Android App offerings vary per country. For more details please visit your local Google Play Store.

\* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

\* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.

\* (Philips) only compatible with specific Philips player device.

\* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details please visit Google Cast product page.

\* Philips TV Remote app and related functionalities vary per TV model, operator, and country, as well as smart device model and OS. For more details please visit: [www.philips.com/TVRemoteapp](http://www.philips.com/TVRemoteapp).

\* Smart TV app offerings vary per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).

\* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.

\* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.