



Philips 7100 series  
4K Ultra Slim TV powered  
by Android TV™ with  
Ambilight 3-sided and Pixel  
Precise Ultra HD

**139 cm (55")**

4K Ultra HD LED TV  
Quad Core, 16GB & expandable  
DVB-T/T2



**55PUT7101**

## 4K Ultra Slim LED TV powered by Android TV with Ambilight 3-sided

Amazing TV starts with 4K Ultra HD picture quality and Ambilight. Enjoy the beautifully crafted Philips 7100 Series for an incredible entertainment experience with rich sound. And with Android TV, you can enjoy more right from your couch.

### **Crafted Lightness**

- Finishing touches: a TV that looks as great as it performs
- Ambilight changes the way you look at TV forever
- Metallic open ribbon stands in a premium sandblasted finish

### **Passionate about Picture Quality**

- 4K Ultra HD is unlike any resolution you've ever seen before
- Enjoy a vivid picture with Pixel Precise Ultra HD
- Premium Color provides incredible color enhancement
- The new integrated HEVC standard to enjoy high quality 4k
- Experience better contrast, color & sharpness with HDR Plus

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

- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

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

- Hear every detail with DTS Premium Sound



# PHILIPS

# Highlights

## 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.

## Authentic materials

Your home represents your style. Our designers chose subtle, sophisticated colors and quality finishes like polished chrome to create a TV design that blends seamlessly with your interior.

## 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.

## TV Content

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

## High Dynamic Range Plus

High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and color. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the content creator's intent. The end result? Brighter highlights, greater contrast, a broader range of colors and detail like never before.

## HEVC support for 4k broadcast

The new integrated HEVC standard allow you to enjoy high picture quality 4k resolution broadcast.

## Metallic open ribbon stands

Experience the beautiful design of these open ribbon stands. Their slim legs have been

perfectly shaped for a clean, architectural look combined with just the right amount of curvature. And with a unique dark chrome finish, they'll keep you enthralled with their elegance.

## 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.

## Premium Color

Philips Premium Color combines a wide color gamut panel enhanced by 85% with 4 Trillion colors processing. With so much more color resolution and brilliant saturated colors, you'll forget you're looking at a screen at all.

## 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.



# Specifications

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Brightness: 400 cd/m<sup>2</sup>
- Pixel engine: Pixel Precise Ultra HD
- Picture enhancement: Micro Dimming Pro, Perfect Natural Motion, Ultra Resolution

## Sound

- Output power (RMS): 30W
- Sound Features: Triple ring technology
- Sound Enhancement: Clear Sound, DTS Premium Sound, Smart Sound

## Connectivity

- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi 11n 2x2 integrated
- Other connections: Antenna IEC75, Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Audio in (DVI), Headphone out, Service connector
- HDMI features: 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, Yes on HDMI2

## 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, .SUB, .TXT
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG

## Supported Display Resolution

- Computer inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Computer inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz
- Video inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Video inputs on HDMI3/4: up to 4K UHD

3840x2160 @30Hz, up to FHD  
1920x1080 @60Hz

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <0.5W
- Off mode power consumption: 0.5 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

## Dimensions

- Box dimensions (W x H x D): 1330 x 850 x 160 mm
- Set dimensions (W x H x D): 1233 x 723.2 x 62.2 mm
- Set dimensions with stand (W x H x D): 1233 x 787.9 x 223 mm
- Product weight: 18.7 kg
- Product weight (+stand): 19.4 kg
- Weight incl. Packaging: 24.5 kg
- VESA wall mount compatible: 200 x 200 mm

## Accessories

- Included accessories: Remote Control, Table top stand, Power cord, Quick start guide, Legal and safety brochure, 2 x AAA Batteries

## Ambilight

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

## Android

- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google search, YouTube
- Memory size: 16GB, extendable via USB storage

## Processing

- Processing Power: Quad Core

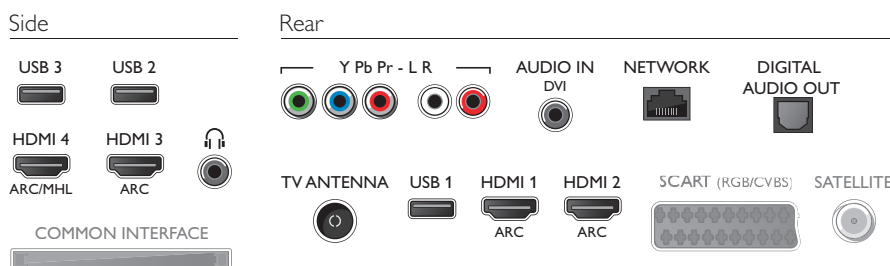
## Smart TV Features

- User Interaction: MultiRoom Client and Server, SimplyShare
- Interactive TV: HbbTV
- Program: Pause TV, USB Recording\*
- SmartTV apps\*: Online Video Stores, Open Internet Browser, Social TV, 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 Start Menu button, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to Screen, Zoom, Stretch
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard



\* 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.  
\* Cloud Gaming offering depends on game providers.  
\* 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.  
\* Please be informed that your Netflix HDR function in your TV currently can be supported via HDMI and USB only. The Netflix HDR broadcast via your Internet/DLNA will be fully available via IP software push.

## Connections



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