



Philips 6800 series  
4K Ultra Slim Smart LED  
TV

**139 cm (55")**  
4K Ultra HD LED TV  
DVB-T/T2



**55PUT6801**

## 4K UHD Slim LED TV powered by Android

Design meets performance with the Philips 6800 Series. Sitting on minimalist stand elements, your picture comes to life in 4K Ultra HD and Pixel Plus Ultra HD picture quality. With Android TV your entertainment options are virtually endless

### **Passionate about Picture Quality**

- 4K Ultra HD is unlike any resolution you've ever seen before
- Micro Dimming Pro for incredible contrast
- Discover Ultra HD Picture Quality with Pixel Plus Ultra HD
- 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™: your window to fun
- Cloud Gaming: high quality games for all ages
- Unleash the power of Quad Core and integrated Android

# PHILIPS

# Highlights

## 4K Ultra HD

Ultra HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience the best possible picture quality. The higher the quality of your original content, the better images and resolution you will be able to experience. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion, and flawless details.

## Cloud Gaming

Cloud Gaming offers a vast online catalogue of high quality games for every age, taste and gaming level. Simply pick a game and play on your TV!

## Google Play

Google Play™ has a rich catalogue of high quality games for all ages. Optimized for use on your TV, they look as great as they play. And there's no need to clutter up your house with yet another gaming console; with a universal USB gaming control you can navigate and play with ease.

## 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.

## Micro Dimming Pro



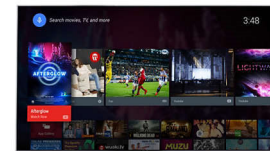
Micro Dimming Pro optimizes the contrast on your TV based on the lighting conditions of

your room. Combined with its special software that analyzes the picture in 6400 different zones, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience-day or night.

## Pixel Plus Ultra HD

Experience 4K Ultra HD sharpness with the Philips Pixel Plus Ultra HD engine. It optimizes picture quality to deliver smooth, fluid images with incredible detail and depth – Enjoy sharper 4K images with brighter whites and blacker blacks every time.

## 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

- Aspect ratio: 16:9
- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840x2160
- Brightness: 300 cd/m<sup>2</sup>
- Picture enhancement: Micro Dimming Pro, Natural Motion, Pixel Plus Ultra HD, Ultra Resolution

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

## Android TV

- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google Search, YouTube
- Memory size(Flash): 8GB, extendable via USB storage
- Memory size to install apps: 4GB

## 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 smart 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

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, HEVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SML, .SRT, .SUB, .TXT
- Picture Playback Formats: JPEG

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 20W (2 x 10W)
- Sound Enhancement: Clear Sound, DTS Premium Sound, Incredible Surround, Smart Sound

## Connectivity

- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- Number of component in (YPbPr): 1
- EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System audio control, System standby
- Number of USBs: 3
- Wireless connection: Dual Band, Wi-Fi 802.11n 2x2 integrated
- Other connections: Antenna IEC75, Headphone out, Audio L/R in, Digital audio out (optical), Ethernet-LAN RJ-45, Audio in (DVI)
- HDCP 2.2: Yes on HDMI1, Yes on HDMI2

## Power

- Mains power: AC 110-240V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <math>\leq 0.5\text{ W}</math>
- Power Saving Features: Auto switch-off timer,

- Light sensor, Picture mute (for radio)
- Off mode power consumption: <math>\leq 0.5\text{ W}</math>

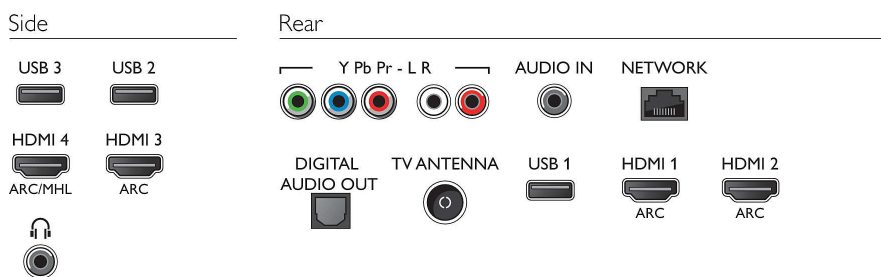
## Accessories

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

## Dimensions

- Set Width: 1239 mm
- Set Height: 711 mm
- Set Depth: 91 mm
- Product weight: 14.8 kg
- Set width (with stand): 1239 mm
- Set height (with stand): 777 mm
- Set depth (with stand): 259 mm
- Product weight (+stand): 15.1 kg
- Box width: 1335 mm
- Box height: 828 mm
- Box depth: 181 mm
- Compatible wall mount: 400 x 200mm
- Weight incl. Packaging: 19.2 kg
- Wall mount compatible: 400 x 200 mm

## Connections



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Version: 10.1.3

EAN: 87 18863 00976 5

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

\* 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.

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

\* 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.