



4K Ultra Slim TV powered by Android TV™ with Pixel Plus Ultra HD

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

55PUT6801/56

4K Ultra Slim LED TV powered by Android TV

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

Benefits

Passionate about Picture Quality

- 4K Ultra HD is unlike any resolution you've ever seen before
- Experience better contrast, color & sharpness with HDR Plus
- The new integrated HEVC standard to enjoy high quality 4k
- Micro Dimming Pro for incredible contrast
- Discover Ultra HD Picture Quality with Pixel Plus Ultra HD

Exhilarating. Limitless. Powered by Android

- Cloud Gaming: high quality games for all ages
- Google Play™: your window to fun
- Unleash the power of Quad Core and integrated Android

Features

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.

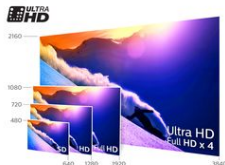
PHILIPS

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.

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.

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.

Specifications

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Picture/Display

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

Sound

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

Connectivity

Number of HDMI connections	4
Number of component in (YPbPr)	1
Number of USBs	3
Other connections	Antenna IEC75 Headphone out Audio in (DVI) Audio L/R in Digital audio out (optical)

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.

EasyLink (HDMI-CEC)	Ethernet-LAN RJ-45 One touch play Remote control pass-through System audio control System standby
HDCP 2.2	Yes on HDMI1 Yes on HDMI2
HDMI features	4K Audio Return Channel
Wireless connections	Dual Band Wi-Fi 11n 2x2 integrated

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) JPEG
Picture Playback Formats	
Subtitles Formats Support	.SMI .SRT .SUB .TXT

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
Video inputs on HDMI1/2	up to FHD 1920x1080 @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
TV Program guide*	8 day Electronic Program Guide
HEVC support	Yes
Teletext	1000 page Hypertext
MPEG Support	MPEG2
	MPEG4
Signal strength indication	Yes

Power

Mains power	AC 110 - 240 V 50/60Hz
Ambient temperature	5 °C to 35 °C
Standby power consumption	< 0.5 W
Power Saving Features	Auto switch-off timer
	Light sensor
	Picture mute (for radio)

Dimensions

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

Accessories

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

Smart TV Features

User Interaction	MultiRoom Client and Server
	SimplyShare
SmartTV apps*	Youtube
	Open Internet Browser
	Social TV
	TV on Demand
	Online Video Stores
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
Interactive TV	HbbTV
Philips TV Remote app*	Apps
	Channels
	Control
	NowOnTV
	TV Guide
	Video On Demand
Program	Pause TV
	USB Recording*
Screen Format Adjustments	Advance - Shift
	Basic - Fill Screen
	Fit to Screen
	Zoom, Stretch

Android

Memory size	8GB
	extendable via USB storage
OS	Android™ 5.1 (Lollipop)
Pre-installed apps	Google Play Movies*
	Google Play Music*
	Google search
	YouTube

Processing

Processing Power	Quad Core
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* EPG and actual visibility (up to 8 days) is country and operator dependent.

* 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.

* 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.



data subject to change
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