Philips
4K UHD Slim LED TV powered by Android™ with Ambilight 2-sided and Pixel Plus Ultra HD

- 164 cm (65")
- 4K Ultra HD LED TV
- Dual Core; 8GB & expandable
- DVB-T/T2/C

65PUT6800/56

4K UHD Slim LED TV powered by Android

with Ambilight 2-sided

The 6800 Series Ultra HD TV combines Pixel Plus Ultra HD, Dual Core processing and the power of Android to deliver fluid performance-beautifully. Slim lines, an elegant open stand, and loads of features complete the experience.

Benefits

Functional elegance
- Swivel stand lets you enjoy TV from any angle
- Ambilight changes the way you look at TV forever

See every detail
- 4K Ultra HD: resolution like you've never seen it before
- Natural Motion for fluid yet sharp moving images
- Micro Dimming Pro for incredible contrast
- Pixel Plus Ultra HD: discover Ultra HD Picture Quality

- Ultra Resolution converts any content into crisp Ultra HD

With Android your TV can do it all
- Dual Core processing and Android OS for strong performance
- Google Play™: your window to fun
- Google Cast: unlock the full potential of your Smart TV
- Spotify Connect—share your favorite music on TV

Features

Open metal swivel stand
A television with modern, refined lines deserves a stand that lifts it above the ordinary. That's why the designers at Philips TV created this unique, open metal stand that not only integrates beautifully with your décor, it also lets you swivel the TV to adjust the viewing angle as well!

PHILIPS

Ambilight 2-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 two-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.

Natural Motion

You love watching movies, but demand the best image possible. Natural Motion is our motion enhancement technology that resolves judder, providing you with a smooth moving image. Films are recorded at a limited frame rate of 24 frames per second resulting in judder. Natural Motion doubles the number of frames to 50 motion changes per second. This resolves judder, so all you see is a fluid, sharper image.

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.

Pixel Plus Ultra HD

Experience 4K Ultra HD sharpness from Philips. Philips Pixel Plus Ultra HD engine optimizes picture quality to deliver smooth, fluid images with incredible detail and depth. So whether you stream online or watch a DVD, you'll enjoy sharper 4K images with brighter whites and blacker blacks—every time and from any source.

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.

Dual Core + Android

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. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

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.

Google Cast

Use Google Cast together with your smart device* to harness the power of your Philips Smart TV. It lets you browse web sites, content and apps, and then 'cast' them to your TV at the push of a button. Best of all, you can continue to use your smart device for other things even while the casted content is playing on your TV.

Spotify Connect

All your favorite music is stored on your phone—but wouldn't you rather hear it on your more powerful TV speakers? With Spotify Connect, you can easily play Spotify on your TV using the Spotify app on your phone as a remote. Just hit the play button and the music will switch to your TV speakers. No wires, no hassle… just sit back and relax.

Specifications

Ambilight

Ambilight Version	2 sided
Ambilight Features	Wall colour adaptive
	Lounge mode
	Ambilight+hue

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	164 cm
Diagonal screen size (inch)	65 inch
Panel resolution	3840x2160
Aspect ratio	16:9
Brightness	300 cd/m²
Picture enhancement	Pixel Plus Ultra HD
	Natural Motion
	700 Hz Perfect Motion Rate
	Micro Dimming Pro
	Ultra Resolution

Android

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

Smart TV Features

User Interaction	MultiRoom Client and Server
	SimplyShare
	Wi-fi Miracast Certified*
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 upgrade-able	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

Sound

Output power (RMS)	20W
Sound Enhancement	Incredible Surround
	Clear Sound
	Dynamic Bass Enhancement
	Smart Sound

Connectivity

Number of HDMI connections	4
Number of component in (YPbPr)	1
Number of USBs	3
Wireless connections	Dual Band
	Wi-Fi Direct
	Wi-Fi 11n 2x2 integrated
Other connections	Ethernet-LAN RJ-45
	Digital audio out (optical)
	Audio L/R in
	Audio in (DVI)
	Headphone out
	Service connector
	Antenna IEC/IFC (ATV)
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

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 HDMI2/3/4	@ 24, 25, 30Hz
	up to 4K Ultra HD 3840x2160p
Video inputs on HDMI1	@ 24, 25, 30, 50, 60Hz
	up to 4K Ultra HD 3840x2160p

Tuner/Reception/Transmission

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

Power

Mains power	AC 110-240V 50/60Hz

Ambient temperature	5 °C to 35 °C	Set height (with stand)	907.4 mm
Annual energy consumption	TBC kW·h	Set width (with stand)	1553.1 mm
Standby power consumption	< 0.5 W	Product weight	23 kg
Off mode power consumption	< 0.5 W	Product weight (+stand)	23.7 kg
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)	Weight incl. Packaging	32.322 kg

Accessories

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

Dimensions

Box depth	195 mm
Box height	991 mm
Box width	1599 mm
Set Depth	89.5 mm
Set Height	849.3 mm
Set Width	1457.9 mm
Set depth (with stand)	258.4 mm

* 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 subscripction 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.

* Smart TV app offerings vary per TV model and country. For more details please visit: 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.