Philips

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

• 139 cm (55")
• 4K Ultra-HD LED TV
• Quad Core, 8 GB and expandable
• DVB-T/T2/C

55PUT6401/12

4K Ultra Slim LED TV powered by Android TV

with Ambilight 2-sided

Design meets performance with the Philips 6400 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

Crafted Lightness
• Ambilight changes the way you look at TV forever
• Slim aluminium pinch stands for a premium lightweight look

Passionate about Picture Quality
• 4K Ultra HD is unlike any resolution you've ever seen before
• Discover Ultra-HD Picture Quality with Pixel Plus Ultra HD
• Micro Dimming Pro for incredible contrast
• The new integrated HEVC standard to enjoy high-quality 4K

• Experience better contrast, colour and sharpness with HDR Plus

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

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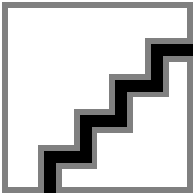**PHILIPS**

Features

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. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Slim aluminium pinch stands

Every great artwork needs its own easel. And like every great artwork, your new Philips TV needs to be displayed in its rightful manner. Developed specifically for this model by our design team, these slim aluminium pinch stands are a true testament to the lightness and slim construction of this powerful TV series.
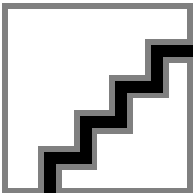
4K Ultra HD

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 improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion and flawless details.

Pixel Plus Ultra HD

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

Micro Dimming Pro

Micro Dimming Pro optimises the contrast on your TV based on the lighting conditions of your room. With its special software, which analyses the picture in 6400 different zones, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience – day or night.
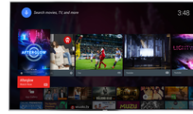
Quad Core + Android

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.

Google Play

Google Play™ has a rich catalogue of high-quality games for all ages. Optimised 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.

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!

HEVC support for 4K broadcasts

The new integrated HEVC standard allows you to enjoy high picture quality 4K-resolution broadcasts.

High Dynamic Range Plus

High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and colour. 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 colours and detail like never before.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Ambilight

Ambilight Version	2 sided
Ambilight Features	Built-in Ambilight+hue
	Ambilight Music

Game Mode
Wall colour adaptive
Lounge mode

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	139 cm
Diagonal screen size (inch)	55 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	350 cd/m²
Picture enhancement	Micro Dimming Pro
	Ultra Resolution
	Natural Motion
	Pixel Plus Ultra HD

Android

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

Smart TV Features

User Interaction	MultiRoom Client and Server
	SimplyShare
Interactive TV Programme	HbbTV
	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
	On-screen User manual
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

Processing

Processing Power	Quad Core

Sound

Output power (RMS)	20 W
Sound Enhancement	DTS Premium Sound
	Clear Sound
	Smart Sound

Connectivity

Number of HDMI connections	4
Number of components in (YPbPr)	1
Number of scarts (RGB/CVBS)	1
Number of USBs	3
Wireless connections	Dual Band
	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	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	.SRT
	.SUB
	.TXT
	.SMI
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 HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz
Computer inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @30 Hz up to FHD 1920 x 1080 @60 Hz
Video inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz
Video inputs on HDMI 3/4	up to FHD 1920 x 1080 @60 Hz up to 4K UHD 3840 x 2160 @30 Hz

Tuner/Reception/Transmission

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

Power

Off mode power consumption	0.3 W
Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label power	91 W
Annual energy consumption	133 kW·h
Energy Label Class	A
Standby power consumption	<0.3
Power Saving Features	Auto switch-off timer
	Light sensor
	Picture mute (for radio)

Dimensions

Box depth	160 mm
Box height	840 mm
Box width	1420 mm
Set Depth	85 mm

Set Height	725 mm	VESA wall mount compatible	400 x 200 mm
Set Width	1239 mm		
Set depth (with stand)	232 mm		

Set height (with stand)	780 mm
Set width (with stand)	1239 mm
Product weight	16 kg
Product weight (+stand)	16.3 kg
Weight incl. Packaging	20.7 kg

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

* 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 the 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 availability varies 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.

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