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, 16 GB & expandable
• DVB T/C/T2/T2-HD/S/S2

55PUS7181/12

4K Ultra Slim LED TV powered by Android TV

with Ambilight 3-sided

Beautiful European design with all the right features. The Philips 7180 Series brings amazing picture quality to life with its built-in soundbar and integrated woofer. Finished in a premium frame, it's the perfect entertainment centrepiece.

Benefits

Crafted Lightness
• Ambilight changes the way you look at TV forever
• Finishing touches: a TV that looks as great as it performs
• Angled Central stand is a play on geometry

Passionate about Picture Quality
• Enjoy a vivid picture with Pixel Precise Ultra HD
• Premium Color provides incredible colour enhancement
• Experience better contrast, colour and sharpness with HDR Plus
• The new integrated HEVC standard to enjoy high-quality 4K

Exhilarating. Limitless. Powered by Android
• Google Play store and Philips app gallery: look beyond TV
• Unleash the power of Quad Core and integrated Android

See how beautiful sound can be
• Powerful sound from an amazingly slim TV
• Visible sound articulation lets you see the beauty of sound

ambi ligt   androidtv   ULTRA HD

PHILIPS

Features

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 walls. Colour, 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 colours and quality finishes like polished chrome to create a TV design that blends seamlessly with your interior.
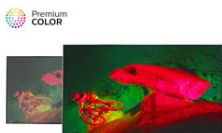
TV Content

The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of films, TV, music, apps and games. 16 GB of expandable memory means there's plenty of room to store all your favourite content and to install more apps.

Pixel Precise Ultra HD

The beauty of 4K Ultra-HD TV is in savouring 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 colours and natural skin tones – every time, and from any source.

Premium Color

Philips Premium Color combines a wide colour gamut panel enhanced by 85% with 4-trillion-colour processing. With so much more colour resolution and brilliant saturated colours, 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.

Angled Central stand

We chose a sophisticated high-gloss silver finish as the foundation for our Angled Central stand, and then paired it with an ultra slim angled neck to create a TV design that blends beautifully with any modern interior.

Visible sound articulation

Engineered sound in a slim design. Enjoy incredible highs and lifelike mids from a plethora of micro-drivers in a sleek speaker bar. When you can hear every whisper, step and creak in the floor, it doesn't take much to imagine how powerfully clear every crash, bang and explosion sounds. And when it comes to bass, nothing has been compromised with strategically placed rear speakers for deep, rich tones. It's a TV that sounds as good as it looks.

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.

HEVC support for 4K broadcasts

The new integrated HEVC (H.265) standard allows you to enjoy high picture quality 4K-resolution broadcasts.

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

Picture/Display

Display	4K Ultra HD LED
Peak Luminance ratio	65 %
Diagonal screen size (metric)	139 cm
Diagonal screen size (inch)	55 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	400 cd/m²
Pixel engine	Pixel Precise Ultra HD
Picture enhancement	Micro Dimming Pro
	Ultra Resolution
	Perfect Natural Motion

Android

OS	Android™ 6.0 (Marshmallow)
Pre-installed apps	Google Play Movies*
	Google Play Music*
	Google Search
	YouTube
Memory size	16 GB
	extendable via USB storage

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
Remote Control	with Keyboard

Processing

Processing Power	Quad Core

Sound

Output power (RMS)	45 W
Sound Features	Triple ring technology
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 (H.265) [EU TV series]
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/T2-HD/C/S/S2
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

data subject to change
2017, June 1

Power

Off mode power consumption	0.3 W
Presence of lead	Yes*
Mercury content	0 mg
Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label power	97 W
Annual energy consumption	141 kW·h
Standby power consumption	<0.3
Power Saving Features	Auto switch-off timer
	Light sensor
	Picture mute (for radio)
Energy Label Class	A

Dimensions

Box depth	160 mm
TV stand width distance	647.9 mm
Box height	878 mm
Box width	1330 mm
Set Depth	44 mm
Set Height	740 mm
Set Width	1233 mm
Set depth (with stand)	205 mm
Set height (with stand)	788 mm
Set width (with stand)	1233 mm
VESA wall mount compatible	200 x 200 mm
Product weight	21.5 kg
Product weight (+stand)	25.2 kg
Weight incl. Packaging	29.8 kg

Accessories

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

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* 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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