PHILIPS

4K UHD LED Smart TV

7800 series

139 cm (55″)

DOLBY VISION and DOLBY ATMOS

Major HDR formats supported

P5 Perfect Picture Engine

55PUT7805

Discover new dimensions with Alexa and Ambilight.
4K HDR Smart LED TV

Add new dimensions to your viewing. This Philips Smart TV comes with built-in Alexa, so you can control it with your voice. Ambilight sets the mood for movies, music, or gaming. Picture quality is as brilliant as the content you love.

Brilliant picture. The definition of beauty.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.
- Philips P5 Engine. Whatever the source, always perfection.

Simply smart
- Saphi Smart TV. The smart way to enjoy your TV.
- One-button access to apps including Netflix and Prime Video.
- Alexa built-in.Your voice is your remote.

Freeview TV | Network channels
- Freeview Plus (Australia)
- Freeview (New Zealand)

Slim design. Beautiful light.
- 4K UHD LED TV. Rich color, beautiful detail.
- The magic of Ambilight. Only from Philips.

Highlights
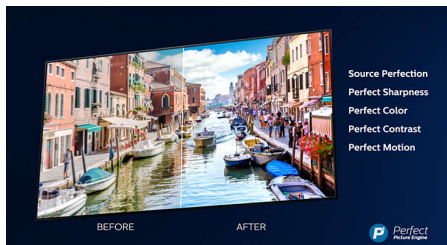
Freeview Plus (Australia)

Never miss a thing with Freeview! Find out what's on now, next or over the next 7 days with the easy to use TV guide. Looking for your favourite show? Use Search for quick access to all your favourite on demand from ABC iview, SBS On Demand, 7+, 9Now and 10 Play. All in one place, all for free.
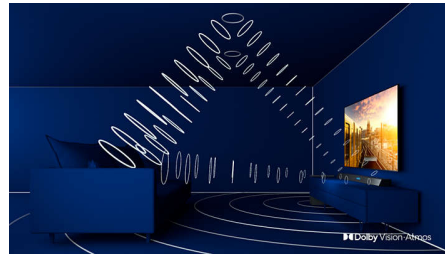
Freeview (New Zealand)

Freeview brings together the best channels and an 8-day TV guide, all free on your TV. You can watch your favourite shows, stay informed with NZ news and current affairs, or channel-surf your heart out - all subscription-free.

P5 Perfect Picture Engine

The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.
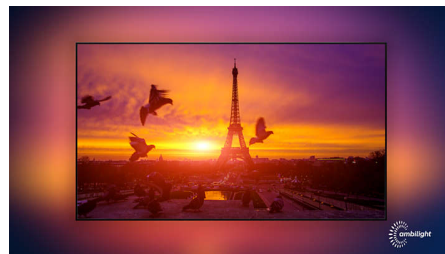
Dolby Vision and Dolby Atmos

Support for Dolby's premium sound and video formats means the HDR content you watch will look-and sound-gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness, and color that reflect the director's original intentions. And hear spacious sound with clarity, detail, and depth.
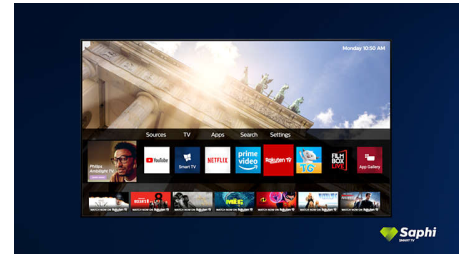
4K LED TV

With four times the resolution of conventional Full HD, Ultra HD lights up your screen with over 8 million pixels and our unique Ultra Resolution Upscaling technology. Experience improved images regardless of the original content, and enjoy a sharper picture with superior depth, contrast, natural motion and vivid details.

Ambilight 3-sided

With Philips Ambilight every moment feels closer. Intelligent LEDs around the edge of the TV respond to the on-screen action and emit an immersive glow that's simply captivating. Experience it once and wonder how you enjoyed TV without it.
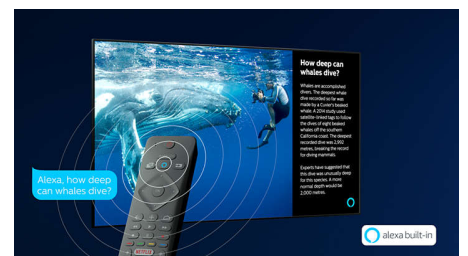
Saphi Smart TV

SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy one-button access to a clear icon-based menu. Quickly navigate to popular Philips Smart TV apps including YouTube, Netflix, and more.

Saphi Smart TV

SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease, and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix, and Amazon Prime Video.

Voice control

Now you can use your voice to control your Philips smart TV. You can ask Alexa to change channels, switch to your gaming console, or control smart-home devices like your lights and thermostat. You can do all this and more with Alexa.

Specifications

Ambilight

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

Picture/Display

Aspect ratio: 16:9
Display: 4K Ultra HD LED
Picture enhancement: Ultra Resolution, HDR10+, Dolby Vision, HLG (Hybrid Log Gamma)
Panel resolution: 3840x2160
Picture engine: P5 Perfect Picture Engine

Supported Display Resolution

Computer inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10/HLG
Video inputs on all HDMI: up to 4K UHD 3840x2160@60Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

Tuner/Reception/Transmission

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

Smart TV Features

User Interaction: SimplyShare, Screen mirroring
Program: Pause TV, USB recording*
SmartTV apps*: Online video stores, Open internet browser, TV on demand, Youtube, Netflix TV
Ease of Installation: Auto detect Philips devices, 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: Wide screen, Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch
Voice assistant*: Amazon Alexa built-in, RC with Mic.

Multimedia Applications

Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, VP9, HEVC (H.265)
Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
Subtitles Formats Support: .SMI, .SRT, .SSA, .SUB, .TXT, .ASS
Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

User Interaction

Remote Control: with Keyboard

Processing

Processing Power: Quad Core

Sound

Output power (RMS): 20W
Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode
Speaker configuration: 2x10W full range speaker

Connectivity

Number of HDMI connections: 3
HDMI features: 4K, Audio Return Channel
EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
Number of USBs: 2
Wireless connection: Dual Band, Bluetooth 4.2, Wi-Fi 802.11n, 2x2, Dual band
Other connections: Ethernet-LAN RJ-45, Headphone out, CVBS+Audio L/R in, Digital audio out (optical)
HDCP 2.3: Yes on all HDMI

Power

Mains power: AC 110 - 240 V 50/60Hz
Ambient temperature: 5 °C to 35 °C
Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode

Accessories

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

Dimensions

Box depth: 160 mm
Product weight: 16.1 kg
Set Width: 1236.6 mm
Set width (with stand): 1236.6 mm
Wall mount compatible: 300 x 200 mm
Box height: 860 mm
Box width: 1360 mm
Set Height: 723.6 mm
Weight incl. Packaging: 20.5 kg
Set Depth: 79.9 mm
Set height (with stand): 742 mm
Set depth (with stand): 235.4 mm
Product weight (+stand): 16.4 kg

* 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 subscripction are required. Contact your operator for more information.
* 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.
* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
* Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.