Philips 7800 series
4K UHD LED Smart TV
with Ambilight 3-sided

178 cm (70") Ambilight TV
HDR 10+ supported
P5 Perfect Picture Engine
Alexa built-in

70PUS7855

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.

Slim design. Beautiful light.
- 4K UHD LED TV. Rich colour, beautiful detail.
- Ambilight. Take the emotion beyond the screen.
- Black-gloss bezel. Slender feet.

Brilliant picture. The definition of beauty.
- Philips P5 Engine. Whatever the source, always perfection.
- HDR10+. See more of what the director intended.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.

SAPHI. 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.

Clear sound. Hear every word.
- Clear audio from full-range speakers.
- Crisp, clear dialogue. Punchy bass.

PHILIPS

Highlights

Ambilight 3 sided

With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

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.

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 colour that reflect the director's original intentions. And hear spacious sound with clarity, detail and depth.

HDR10+

With a Philips HDR10+ TV, picture quality is even more immersive and lifelike. Dynamic metadata enables your TV to adjust brightness levels from frame to frame. From bright skies to candlelit temples, colours look real. Original details are preserved. Contrast is impeccable.

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 of this and more with Alexa.

Specifications

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

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size (metric): 178 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Picture enhancement: Ultra Resolution, Dolby Vision, HDR10+, 1700 PPI, HLG (Hybrid Log Gamma)
- Diagonal screen size (inch): 70 inch
- Pixel engine: P5 Perfect Picture Engine

Supported Display Resolution
- Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

Smart TV Features
- User Interaction: SimplyShare, Screen mirroring
- Interactive TV: HbbTV
- Programme: 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
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to screen, Zoom, stretch, Wide screen
- Ease of Use: One-stop smart menu button, On-screen user manual
- Voice assistant*: Alexa built-in, RC with Mic.

Processing
- Processing Power: Quad Core

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2/T2-HD/C/S/S2

Connections

Side
COMMON INTERFACE

USB 2
5.0V⎓900mA

HDMI 3
ARC

(headphone)

- MPEG Support: MPEG2, MPEG4
- Video Playback: PAL, SECAM
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Connectivity
- Number of HDMI connections: 3
- Number of USBs: 2
- Wireless connections: Wi-Fi 802.11n 2 x 2 integrated, Dual Band
- Other connections: Satellite Connector, Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Service connector
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.3: Yes on all HDMI

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

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Energy Label Class: A+
- EU Energy Label power: 114 W
- Annual energy consumption: 167 kW·h
- Mercury content: 0 mg
- Presence of lead: Yes*
- Off mode power consumption: N/A W

Sound
- Output power (RMS): 20 W
- Sound Enhancement: A.I. Sound, Dolby Atmos®,

Bottom
DIGITAL AUDIO OUT

USB 1
5.0V⎓500mA

NETWORK

SATELLITE

TV ANTENNA

HDMI 1
ARC

HDMI 2
ARC

Dolby Bass Enhancement, Dolby Volume Leveller, Clear Dialogue, 5 Band Equalizer, Night mode
- Speaker configuration: 2 x 10 W full-range speaker

Dimensions
- Box dimensions (W x H x D): 1757.0 x 1025.0 x 181.0 mm
- Set dimensions (W x H x D): 1581.0 x 894.0 x 86.1 mm
- Set dimensions with stand (W x H x D): 1581.0 x 912.4 x 299.4 mm
- Product weight: 27.6 kg
- Product weight (+stand): 28.2 kg
- Weight incl. Packaging: 32.7 kg
- VESA wall mount compatible: 400 x 200 mm
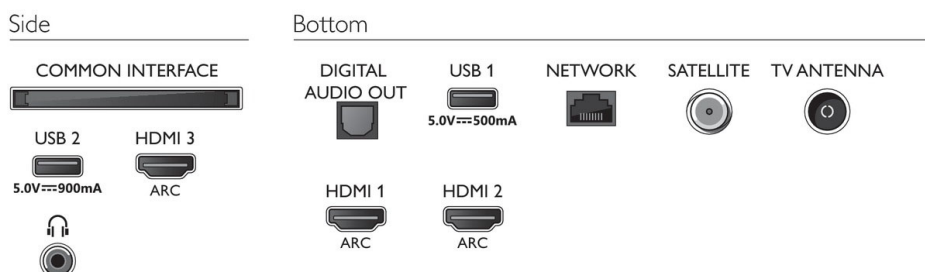- Stand dimensions (W x H x D): 808/1399 x 18.4 x 299.4 mm

Design
- Colours of TV: Plastic mid-silver bezel
- Stand design: Light silver groove stand

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

* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
* 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 subscription 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 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.
* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.