

# PHILIPS



4K TV

QLED

139 cm (55") TV

4K QLED

Pixel Precise Ultra HD

HDR10+



55PUS7800

## Form. Function. Fabulous value

European design principles. Quantum dot technology. Incredible price. This is where colour brilliance and contrast come together with Dolby Atmos sound—all your favourite Smart TV entertainment delivered with speed, brilliance and value.

### 4K QLED TV colour brilliance

- European design, sustainable thinking
- 4K QLED for vibrant viewing and quantum dot colour quality
- Get closer to the detail with pixel precision

### Design that speaks volumes

- Add clarity to each word with Vocal Boost
- Every size to fit your needs
- Game ready connectivity

### Smart. Sleek. Connected

- Titan OS. Find it easily.
- Connect seamlessly to smart home networks

### Vivid viewing, cinematic sound

- Colour and contrast unleashed with HDR10+
- Surround yourself in Dolby Atmos and DTS:X

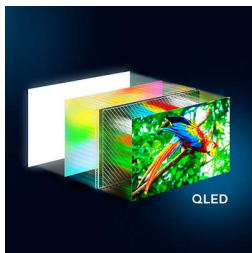
QLED

4K TV

55PUS7800/12

# Highlights

## 4K QLED



Vivid colours. Ultra-sharp scenes. It's quantum dot colour brilliance. With 4K (UHD) it adapts to all your HDR formats. Each incredible moment, whether dark or light, played or streamed, you can devour every detail as you watch scene by scene.

## Pixel Precise Ultra HD



With 8 million pixels all working closely together in harmony, this is 4K viewing like no other. With the sharpest images set to define more detailed lifelike scenes, nothing captures the moment more truthfully than with this Philips TV.

## HDR10+



Expect more detail. Frame by frame improved picture quality. With greater emphasis on colour and contrast, this is where even the darkest moments and the brightest scenes are made clearer.

## Dolby Atmos and DTS:X

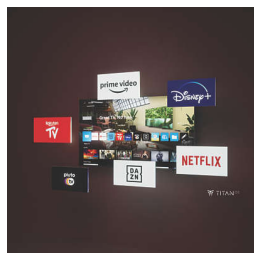


With Dolby Atmos for sound just as the director intended and DTS:X to create 3D sound experiences, it's as if you're really there. Adding this extra dimension to sound brings a more immersive experience to your home.

## Vocal Boost

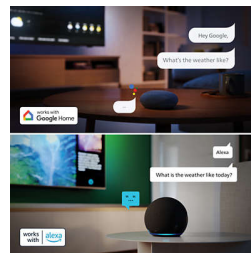
Hear each word clearly. Vocal Boost enables the listener to turn the dialogue volume up or down without any effect on the background sound. You won't miss a single moment now that each spoken sentence comes across with greater clarity.

## Philips Smart TV Titan OS



The Philips Smart TV Titan OS platform brings what you love to watch, and fast. From sequels to series and documentaries to drama, everything you want is there at the touch of a button. Whatever you're looking to watch, keep all the best streaming apps easily within your reach.

## Matter Smart Home compatible



Matter Smart Home compatibility brings seamless integration to your existing smart home network. To control the TV from your Matter Smart Home app or with voice control services, simply push the button on your remote and speak. Dim the lights. Adjust your thermostat. Even turn on your Philips Ambilight TV. A single command does it all. The TV is compatible with Alexa-enabled devices and Apple AirPlay too.

## Ready for gaming

HDMI 2.1 and VRR help you get the best from your console with faster gameplay and smoother graphics. With its low-input-lag setting that cuts in automatically when you turn on your console, you're all set for the next level in gaming.

## European design

Edge stand. Thin frame. Remarkable QLED TV. This is European design quality. With fast, easy to find content thanks to Titan OS, each tiny detail has been carefully put together, right down to the recycled plastic remote and recycled FSC-certified packaging that it comes with.

## Multiple sizes



Go big. Go small. Go for a television that blends in perfectly with your needs. From a smaller screen 43" right up to a gargantuan 75" TV, size up the incredible 7800 Series for the smarter choice in TV.

4K QLED



HDR10+



IntelliSound



# Specifications

**Picture/Display**

Diagonal screen size (inch): 55 inch  
Diagonal screen size (metric): 139 cm  
Display: 4K Ultra HD QLED  
Panel resolution: 3840 x 2160  
Native refresh rate: 60 Hz  
Picture engine: Pixel Precise Ultra HD  
Picture enhancement: Crystal Clear, ECO, Game, HDR10+ compatible, Home Cinema, Movie, Monitor, Micro Dimming, Personal, Pixel Precise Ultra HD, Ultra Resolution

**Display input resolution**

Resolution-Refresh rate: 640 x 480 - 60 Hz, 576p - 50 Hz, 720p - 50/60 Hz, 1920 x 1080p - 24/25/30/50/60 Hz, 2560 x 1440 - 60 Hz, 3840 x 2160p - 24/25/30/50/60 Hz

**Tuner/Reception/Transmission**

Digital TV: DVB-T/T2/T2-HD/C/S/S2  
Signal strength indication  
Teletext: 1000 page Hypertext  
HEVC support

**Smart TV**

SmartTV apps\*: Amazon Prime Video, BBC iPlayer, Disney+, HBO, NFT app\*, Netflix\*, YouTube  
OS: TITAN OS  
Memory size (Flash)\*: 8 GB

**Smart TV Features**

Interactive TV: HbbTV  
Voice assistant\*: Works with Alexa, Works with Google Assistant  
Smart Home experience: Control4, MATTER, Works with Apple Home  
Gaming Control Bar: Gamebar 2.0  
TTS support

**Multimedia Applications**

Video Playback Formats: AVI, MKV, HEVC, H.264/MPEG-4 AVC, MPEG1, MPEG2, MPEG4, VP9, HEVC (H.265), AV1  
Music Playback Formats: MP3, WAV, AAC, FLAC  
Subtitles Formats Support: SRT, SMI, SSA, SUB,

ASS, TXT  
Picture Playback Formats: JPEG, GIF, PNG, BMP, HEIF

**Sound**

Audio: 2.0 Channel  
Output power (RMS): 20 W  
Speaker configuration: 2 x 10 W full-range speakers  
Codec: Dolby Atmos<sup>®</sup>, Dolby Digital, DTS:X  
Sound Enhancement: AVL Mode, All Sound Style, Bass Enhancement, Dolby Media Intelligence, Dolby Atmos<sup>®</sup>, Entertainment, DTS-X, Equalizer, Personal, Night Mode, Hearing Profile, Vocal Boost  
Headphone Features: Dolby Atmos for Headphone  
Sound Engine: IntelliSound  
Main Speaker: Full Range Bass Reflex (FR01A)



# Specifications

## 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: Wi-Fi 802.11ac 2 x 2

integrated, Bluetooth 5.2, Works with Apple AirPlay

HDCP 2.3: Yes on all HDMI

HDMI ARC: Yes on HDMI1

HDMI 2.1 features: eARC on HDMI 1,

eARC/VRR/ALLM supported

EasyLink 2.0: External setting via TV UI, HDMI-CEC for Philips TV/SB

## Supported HDMI video features

Gaming: ALLM, HDMI VRR

HDR: HLG, HDR10, HDR10+ Compatible

## EU Energy card

EPREL registration numbers: 2247063

Energy class for SDR: E

On mode power demand for SDR:

63 kWh/1000h

Energy class for HDR: F

On mode power demand for HDR:

93 kWh/1000h

Off mode power consumption: n.a

Networked standby mode: 2.0 W

Panel technology used: QLED LCD

## Power

Mains power: AC 100-240 V 50/60 Hz

Standby power consumption: less than 0.5 W

Power Saving Features: Auto switch-off timer,

Eco mode, Light sensor, Picture mute (for radio)

## Accessories

Included accessories: 2 x AAA Batteries, Power cord, Remote Control, Tabletop stand, Quick start guide, Safety and Legal Leaflet

## Design

Colours of TV: Matt black bezel

Stand design: Black plastic stand

## Dimensions

Distance between 2 stands: 811 mm

Wall-mount compatible: 200 x 100 mm

TV without stand (W x H x D):

1126 x 715 x 88 mm

TV with stand (W x H x D): 1126 x 735 x 262 mm

Package carton (W x H x D):

1320 x 806 x 142 mm

Weight of TV without stand: 9.7 kg

Weight of TV with stand: 9.9 kg

Weight incl. packaging: 13.62 kg



\* 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.

\* 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.

\* Smart TV app availability varies by TV model and country. For more details, please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).

\* Philips TV Remote app and related functionalities vary by TV model, operator and country, as well as smart device model and OS. For more details, please visit: [www.philips.com/TVRemoteapp](http://www.philips.com/TVRemoteapp).

\* EPG and actual visibility (up to 8 days) is country- and operator-dependent.

\* Netflix subscription required. Subject to terms on <https://www.netflix.com>

\* Amazon Prime is available in selected languages and countries.

\* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.

\* Over-the-top media services button on the remote control will be different in each country. Please refer to the actual product in the box.

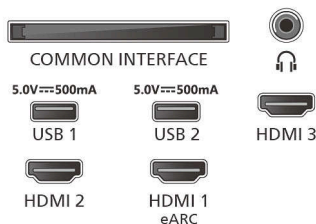
\* Google Assistant is available in different languages and countries specific to product types.

\* Scope of voice control services via the TV varies according to country and language. For the latest information, please contact our customer care.

\* Apple, AirPlay, Apple Home, HomeKit and iOS are trademarks of Apple Inc., registered in the U.S. and other countries and regions. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under licence.

## Connections

### Side



### Down

