PHILIPS

4K TV

QLED

126 cm (50") TV

4K QLED

Pixel Precise Ultra HD

HDR10+

50PUS7800

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.

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

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

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

Vivid viewing, cinematic sound
- Colour and contrast unleashed with HDR10+
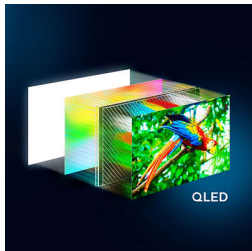- Surround yourself in Dolby Atmos and DTS:X

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.
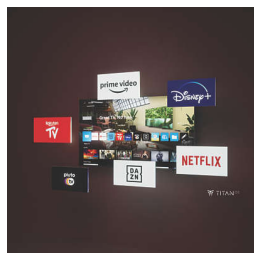
Dolby Atmos and DTS:X

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.
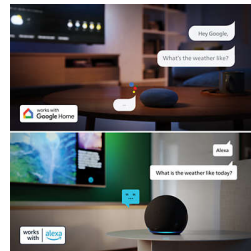
Vocal Boost

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.

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   PixelPrecise ULTRA HD   HDR10+   Dolby Atmos   IntelliSound   TITAN OS   works with alexa   Ready for gaming

Specifications

Picture/Display

Diagonal screen size (inch): 50 inch
Diagonal screen size (metric): 126 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
Gaming Control Bar: Gamebar 2.0

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®, Dolby Digital, DTS:X
Sound Enhancement: AVL Mode, All Sound Style, Bass Enhancement, Dolby Media Intelligence, Dolby Atmos®, 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 Dual band, Bluetooth 5.2
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: 2255219
Energy class for SDR: E
On mode power demand for SDR: 52 kWh/1000h
Energy class for HDR: G
On mode power demand for HDR: 79 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: Plastic black soap bar

Dimensions
Distance between 2 stands: 811 mm
Wall-mount compatible: 200 x 100 mm
TV without stand (W x H x D):
1111 x 649 x 88 mm
TV with stand (W x H x D): 1111 x 670 x 262 mm
Package carton (W x H x D):
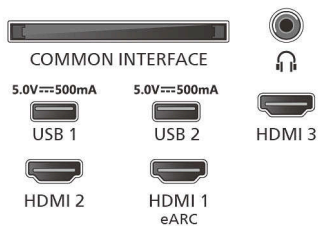1240 x 780 x 133 mm
Weight of TV without stand: 8.03 kg
Weight of TV with stand: 8.23 kg
Weight incl. packaging: 11.92 kg

Connections

Side

COMMON INTERFACE

5.0V⎓500mA   5.0V⎓500mA
USB 1   USB 2   HDMI 3

HDMI 2   HDMI 1
             eARC

Down

DIGITAL AUDIO OUT   NETWORK   SATELLITE   TV ANTENNA

* 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.
* 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.
* 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 and Apple Home are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

PHILIPS