PHILIPS

4K Ambilight TV

QD MiniLED

164 cm (65") Ambilight TV

4K QD Mini-LED. VRR 144 Hz

P5 Perfect Picture Engine

Dolby Vision & Atmos

65MLED920

For every thrilling moment

Films, games, sports—add something amazing to your entertainment with this Mini-LED Ambilight TV! Quantum Dot technology brings you awesome detail and colour in any light. Ambilight brings next-level immersion to everything you watch or play.

4K QD Mini-LED Ambilight TV. Awesome in any light.

- Ambilight TV
- Quantum Dot technology for incredible colour and contrast
- Whatever the source, always perfection. Philips P5 engine

Thoughtful design. Easy control.

- Connect to smart home networks, voice assistants and more
- Thoughtful design. Responsible packaging

Films, TV shows, games. Immerse yourself in what you love.

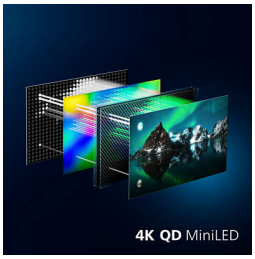
- Cinematic viewing for all you watch and play
- Immersive surround sound technology
- TITAN OS. Find it easily.
- Great for gaming. Play at your best

Highlights

Immerse yourself in what you love. Ambilight TV

Ambilight TVs are the only TVs with integrated LED lights on the back that react to what you watch, immersing you in a halo of colourful light. This changes everything: your TV seems bigger, and you'll be drawn deeper into your favourite sports, films, music and games.

Quantum Dot MiniLED



Bolder colours. Crisper whites. Deeper blacks. Quantum Dot MiniLED technology creates a bright, detailed picture with pin-sharp contrast — and you'll see more colours than ever before! Our P5 engine refines the whole experience for a beautifully lifelike picture that doesn't overwhelm.

P5 Perfect Picture Engine

The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp that you'll feel every detail. Motion is perfectly smooth.

Cinematic viewing

Hold onto the edge of your seat! With Dolby Vision on board, you'll see the picture the director wanted you to see, no more disappointing scenes that are too dark to make out! From movies to games, say hello to every glorious detail.

Surround sound technology

Compatibility with Dolby Atmos and DTS:X takes the sound of this TV to another level, in any room. The latest movies, the newest games, the biggest sports events: with sound effects placed in the space above and around you, you'll feel like you're right in the middle of the action.

Philip TV Titan OS smart platform

It's quick and easy to find what you love with our Titan OS smart TV platform. You can continue watching a series straight from the home screen, get suggestions from the top streaming services and create watchlists. You can also reorganise the home screen, so your favourite apps and channels are right where you want them.

Seamless control

Seamless compatibility with Matter means that you can easily integrate this 4K MiniLED TV into your existing smart home network. You can also use the TV remote to control your satellite or cable box or wake the TV's built-in Alexa — and the TV is compatible with Google smart speakers and Apple AirPlay too.

Great for gaming

This Ambilight TV features HDMI 2.1, a 120 Hz native refresh rate and an ultra-low input lag. Game Bar 2.0 lets you enhance settings, add a custom crosshair and more—and you can connect a Bluetooth controller for cloud gaming. PC gamers can also enjoy 144 Hz VRR via HDMI.

Thoughtful design

The sleek, almost bezel-free screen looks great in any room — and Ambilight can create mesmerising mood lighting when the screen's off. The TV remote is made from recycled plastic and our packaging uses FSC-certified recycled cardboard with inserts printed on recycled paper.

AMBILIGHT tv · 4K QD MiniLED · Perfect Picture Engine · Dolby Vision·Atmos · dts X · TITAN OS · alexa built-in · Great for Gaming

QD MiniLED

4K Ambilight TV

65MLED920/12

Specifications

Ambilight

Ambilight Features: Music Mode, Ambilight Suite, Wall colour adaptive, Game Mode
Ambilight Version: 3-sided

Picture/Display

Diagonal screen size (inch): 65 inch
Diagonal screen size (metric): 164 cm
Panel resolution: 3840x2160p
Native refresh rate: 120 Hz
Picture engine: P5 Perfect Picture Engine
Picture enhancement: Calman, Calman Autocal Ready & Manual Calibration, Crystal Clear, ECO, Game, Home Cinema, Movie, Monitor, Micro Dimming Premium, Perfect Natural Motion, Personal
Variable Refresh Rate: 144 Hz

Display input resolution

Resolution-Refresh rate: 576p - 50Hz, 645 x 480 - 60Hz, 720p - 50/60Hz, 1920 x 1080p - 24/25/30/50/ 60/100/120/144Hz, 2560 x 1440 - 60/120/144Hz, 3840 x 2160p - 24/25/30/50/60/100/120/144Hz

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

Smart TV Features

Interactive TV: HbbTV
Voice assistant*: RC with Mic., Amazon Alexa Built-in, Works with Google Home
Smart Home experience: MATTER, Control4, 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): 40 W
Speaker configuration: 4 x 10 W full-range speakers
Codec: Dolby Atmos, DTS:X, Dolby Digital
Sound Enhancement: All Sound Style, AVL Mode, Bass Enhancement, Dialogue, Dolby Media Intelligence, Equalizer, Entertainment, Hearing Profile, Music, Night mode, Room Calibration, Personal, Vocal Boost
Headphone Features: Dolby Atmos for Headphone
Sound Engine: IntelliSound
Main Speaker: Super Slim Full Range + Tweeter

QD MiniLED

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Specifications

Connectivity

Number of HDMI connections: 4
HDMI features: 4K, Audio Return Channel
EasyLink (HDMI-CEC): One touch play, System audio control, System standby, Remote control pass-through
Number of USBs: 2
Wireless connection: Wi-Fi 802.11ac 2x2 Dual band, Bluetooth 5.2, Works with Apple AirPlay
HDCP 2.3: Yes on all HDMI
HDMI ARC: Yes on HDMI2
HDMI 2.1 features: eARC on HDMI 2
EasyLink 2.0: External setting via TV UI, HDMI-CEC for Philips TV/SB

Supported HDMI video features

Gaming: ALLM and Auto Game, HDMI VRR, AMD FreeSync Premium
HDR: HDR10+ Compatible, Dolby Vision, HLG

EU Energy card

EPREL registration numbers: 2285527
Energy class for SDR: F
On mode power demand for SDR:
99 kWh/1000h
Energy class for HDR: G
On mode power demand for HDR:
249 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: Eco mode, Auto switch-off timer, Light sensor, Picture mute (for radio)

Accessories

Included accessories: 2 x AAA Batteries, Power cord, Quick start guide, Remote Control, Table top stand, Safety & Legal Leaflet

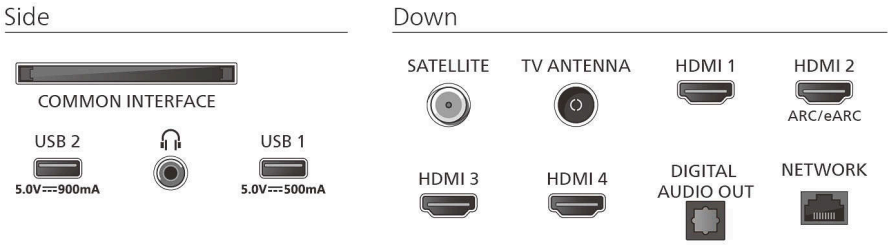
Design

Colours of TV: Plastic black low bezel
Stand design: Black soap bar arch stand

Dimensions

Distance between 2 stands: 1234 mm
Wall-mount compatible: 300 x 300 mm
TV without stand (W x H x D):
1446 x 841 x 66 mm
TV with stand (W x H x D): 1446 x 901 x 322 mm
Package carton (W x H x D):
1600 x 1002 x 170 mm
Weight of TV without stand: 15.94 kg
Weight of TV with stand: 16.41 kg
Weight incl. packaging: 17.3 kg

Connections



* 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.
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