

PHILIPS

4K UHD LED Smart TV

6500 series

178 cm (70") Ambilight TV

1000 Picture Performance Index

HDR 10+

Pixel Precise Ultra HD



70PUS6504



4K UHD LED Smart TV with Pixel Precise UHD

Enjoy great TV. Simply. This Philips smart TV delivers a picture so sharp you'll think you're there. 4K performance is bright and vibrant. Sound is crisp and clear. The SAPHI dashboard gives you instant access to the content you love.

Black frame. Great picture.

- 4K LED TV. Rich colour, beautiful detail.
- Slim black gloss bezel. Sturdy stand.

Philips picture precision.

- Pixel Precise Ultra HD. Smooth motion, noticeable depth.
- HDR10+ supported. 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 a clear icon-based menu.
- Philips TV Collection. Netflix, Prime Video and more.

Crisp sound. Hear every word.

- Clear audio from full-range speakers.
- Crisp, clear dialogue. Punchy bass.

Highlights

4K LED TV

4K LED TV. Rich colour, beautiful detail.

Pixel Precise Ultra HD

Pixel Precise Ultra HD. Smooth motion, noticeable depth.

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+ supported

Your Philips TV is primed to get the most out of the HDR10+ video format. Contrast, colour and brightness levels are adjusted from frame to

frame. Whether it's a must-watch series or the new blockbuster, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

The smart way to enjoy your TV

One-button access to a clear icon-based menu.

Specifications

Picture/Display

Display: 4K Ultra HD LED
Diagonal screen size (inch): 70 inch
Diagonal screen size: 70 inch / 178 cm
Panel resolution: 3840 x 2160
Aspect ratio: 16:9
Picture enhancement: Micro Dimming, Ultra Resolution, 1000 PPI, HDR10+, Dolby Vision

Supported Display Resolution

Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz
Video inputs on all HDMI: HDR supported, HDR10+/HLG, up to 4K UHD 3840 x 2160 @60 Hz

Smart TV Features

User Interaction: SimplyShare, Wi-Fi Miracast Certified*
Interactive TV: HbbTV
Programme: Pause TV, USB Recording*
SmartTV apps*: Online Video Stores, Open Internet Browser, TV on Demand, YouTube
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
Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
Ease of Use: One-stop Smart Menu button, On-screen User manual

Tuner/Reception/Transmission

Digital TV: DVB-T/T2/T2-HD/C/S/S2
HEVC support
MPEG Support: MPEG2, MPEG4
Video Playback: NTSC, PAL, SECAM
TV Programme guide*: 8-day Electronic Programme Guide
Signal strength indication
Teletext: 1000-page Hypertext

Connectivity

Number of HDMI connections: 3
Number of components in (YPbPr): 1
Number of USBs: 2
Wireless connections: Wi-Fi 802.11n, 2 x 2, Single band
Other connections: Satellite Connector, Ethernet-LAN RJ-45, Common Interface Plus (CI+), Digital audio out (optical), Audio L/R in, Headphone out
HDMI features: Audio Return Channel, 4K
EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
HDCP 2.2: Yes on all HDMI
Number of CVBS: 1

Multimedia Applications

Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, VP9, HEVC (H.265)
Subtitles Formats Support: .SMI, .SRT, .SUB, .TXT, .ASS
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)
Energy Label Class: tbd
EU Energy Label power: tbc W
Annual energy consumption: tbc kW-h
Mercury content: 0 mg
Presence of lead: Yes*
Off mode power consumption: 0.3 W

Sound

Output power (RMS): 20 W
Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Atmos®, Dolby Volume Leveller, Night mode
Speaker configuration: 2 x 10 W full-range speaker

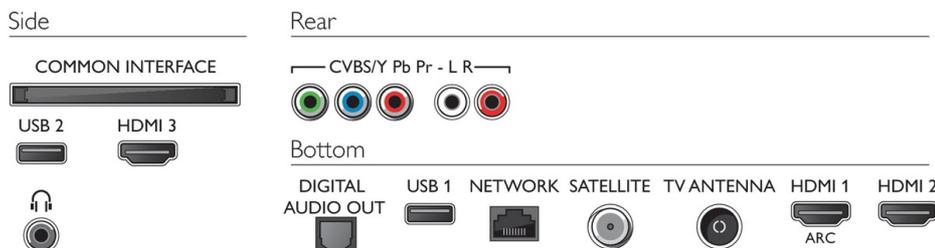
Dimensions

Box dimensions (W x H x D): 1757.0 x 1034.0 x 185.0 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 284.5 mm
Stand dimensions (W x H x D): 806.7 x 18.4 x 284.5 mm
Product weight: 30.1 kg
Product weight (+stand): 30.5 kg
Weight incl. Packaging: 37.5 kg
VESA wall mount compatible: 400 x 200 mm

Processing

Processing Power: Quad Core

Connections



© 2019 Koninklijke Philips N.V.
All Rights reserved.

Issue date 2019-04-12
Version: 1.1.1

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

12 NC: 8670 001 60311
EAN: 87 18863 02091 3

www.philips.com



- * 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.
- * Compatibility depends on Wi-Fi Miracast certification and Android 4.2 or later. For more details please refer to your device documentation.
- * 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.