Philips 6000 series
4K UHD Slim LED TV
powered by Android™
with Pixel Plus Ultra HD

139 cm (55")
4K Ultra-HD LED TV
Dual Core; 8 GB and expandable
DVB-T/T2/C

55PUT6400

4K UHD Slim LED TV powered by Android

with Pixel Plus Ultra HD

The 6400 Series Ultra HD TV combines Pixel Plus Ultra HD, Dual Core processing and the power of Android to deliver fluid performance beautifully. Slim lines, an elegant open stand and loads of features complete the experience.

Functional elegance
• Swivel stand lets you enjoy TV from any angle

A clear, vivid picture every time
• 4K Ultra HD: resolution like you've never seen it before
• Natural Motion for fluid yet sharp moving images
• Micro Dimming Pro for incredible contrast
• Ultra Resolution converts any content into crisp Ultra HD
• Pixel Plus Ultra HD: discover Ultra-HD Picture Quality

With Android, your TV can do it all
• Dual Core processing and Android OS for strong performance
• Google Play™: your window to fun
• Google Cast: unlock the full potential of your Smart TV

ULTRA HD   **DualCore**

PHILIPS

4K UHD Slim LED TV powered by Android™ with Pixel Plus Ultra HD
139 cm (55") 4K Ultra-HD LED TV, Dual Core; 8 GB and expandable, DVB-T/T2/C

55PUT6400/12

Highlights

Open metal swivel stand

A television with modern, refined lines deserves a stand that lifts it above the ordinary. That's why the designers at Philips TV created this unique, open metal stand that not only integrates beautifully with your décor, it also lets you swivel the TV to adjust the viewing angle as well!

4K Ultra HD

Ultra HD TV has 4 times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion and flawless details.

Natural Motion

You love watching films, but demand the best image possible. Natural Motion is our motion enhancement technology that resolves judder, providing you with a smooth moving image. Films are recorded at a limited frame rate of 24 frames per second resulting in judder. Natural Motion doubles the number of frames to 50 motion changes per second. This resolves judder, so all you see is a fluid, sharper image.

Micro Dimming Pro

Micro Dimming Pro optimises the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyse the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

Ultra Resolution

Ultra Resolution converts any content into a sharper Ultra HD picture on screen. Advanced upscaling combined with Philips' unique line thinning algorithms transform original pixels into better pixels. The result is a visibly more refined image with finer lines and greater, deeper details.

Pixel Plus Ultra HD

Experience 4K Ultra HD sharpness from Philips. Philips Pixel Plus Ultra HD engine optimises picture quality to deliver smooth, fluid images with incredible detail and depth. So whether you stream online or watch a DVD, you'll enjoy sharper 4K images with brighter whites and blacker blacks—every time and from any source.

Dual Core + Android

With Android on your TV, you'll navigate, launch apps and play videos in a way that is super fast, super intuitive and super fun. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

Google Play

Google Play™ has a rich catalogue of high-quality games for all ages. Optimised for use on your TV, they look as great as they play. And there's no need to clutter up your house with yet another gaming console; with a universal USB gaming control you can navigate and play with ease.

Google Cast

Use Google Cast together with your smart device* to harness the power of your Philips Smart TV. It lets you browse websites, content and apps, and then 'cast' them to your TV at the push of a button. Best of all, you can continue to use your smart device for other things even while the casted content is playing on your TV.

4K UHD Slim LED TV powered by Android™ with Pixel Plus Ultra HD
139 cm (55") 4K Ultra-HD LED TV, Dual Core; 8 GB and expandable, DVB-T/T2/C

55PUT6400/12

Specifications

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Brightness: 300 cd/m²
- Picture enhancement: Pixel Plus Ultra HD, Natural Motion, 700 Hz Perfect Motion Rate, Micro Dimming Pro, Ultra Resolution

Android
- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, Voice Search, YouTube, Netflix*
- Memory size: 8 GB, extendable via USB storage

Smart TV Features
- User Interaction: MultiRoom Client and Server, SimplyShare, Wi-Fi Miracast Certified*
- Interactive TV: HbbTV
- Programme: Pause TV, USB Recording*
- SmartTV apps*: Online Video Stores, Open Internet Browser, Social TV, TV on Demand, YouTube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Smart Menu button, On-screen User manual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand

Sound
- Output power (RMS): 20 W
- Sound Enhancement: Incredible Surround, Clear Sound, Dynamic Bass Enhancement, Smart Sound

Connectivity
- Number of HDMI connections: 4
- Number of components in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi Direct, Wi-Fi 11n 2x2 integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Audio in (DVI), Headphone out, Service connector
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on HDMI1

Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC
- Subtitles Formats Support: .SMI, .SRT, .SSA, .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, JPS, PNG, PNS, BMS, MPO

Supported Display Resolution
- Computer inputs on all HDMI: @60 Hz, up to 4K Ultra HD 3840 x 2160
- Video inputs on HDMI2/3/4: @ 24, 25, 30 Hz, up to 4K Ultra HD 3840 x 2160p
- Video inputs on HDMI1: @ 24, 25, 30, 50, 60 Hz, up to 4K Ultra HD 3840 x 2160p

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

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- EU Energy Label power: 67 W
- Annual energy consumption: 98 kW·h
- Energy Label Class: A+
- Standby power consumption: < 0.5 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

Dimensions
- Box dimensions (W x H x D): 1413 x 825 x 131 mm
- Set dimensions (W x H x D): 1239 x 712 x 79 mm
- Set dimensions with stand (W x H x D): 1239 x 773 x 266 mm
- Product weight: 15.3 kg
- Product weight (+stand): 17.8 kg
- Weight incl. Packaging: 24.3 kg
- VESA wall mount compatible: 400 x 200 mm

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

Connections
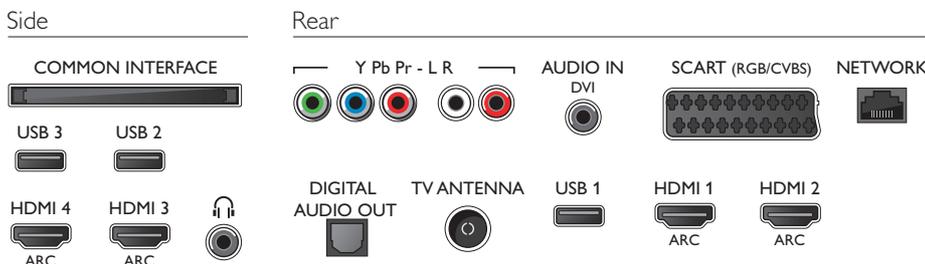
Side

COMMON INTERFACE

USB 3   USB 2

HDMI 4   HDMI 3   🎧
ARC   ARC

Rear

Y Pb Pr - L R   AUDIO IN DVI   SCART (RGB/CVBS)   NETWORK

DIGITAL AUDIO OUT   TV ANTENNA   USB 1   HDMI 1   HDMI 2
                                                     ARC   ARC

* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
* Android App offerings vary per country. For more details please visit your local Google Play Store.
* 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) only compatible with specific Philips player device.
* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the Google Cast product page.
* 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.