Philips 55PUS7810/12, 139.7 cm (55"), 3840 x 2160 pixels, QLED, Smart TV, Wi-Fi, Black

55" - 4K UHD - QLED - 60Hz - 20W RMS - Wi-Fi - 66W - 100-240V - 50/60Hz



Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	55PUS7810/12
EAN/UPC	8718863046043

Description

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 for vibrant viewing and quantum dot colour quality

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.

Get closer to the detail with pixel precision

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.

Colour and contrast unleashed with 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.

Surround yourself in 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.

Titan OS. Find it easily.

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.

Connect seamlessly to smart home networks

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.

Every size to fit your needs

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.

Add clarity to each word with 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.

Game ready connectivity

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, sustainable thinking

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.

Main features

	General
Display diagonal	139.7 cm (55")
Display resolution	3840 x 2160 pixels
HD type	4K Ultra HD
Display technology	QLED
Screen shape	Flat
Smart TV	Yes
Native aspect ratio	16:9
Digital signal format system	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD
Wi-Fi	Yes
Product colour	Black

Extended details

	Display
Display diagonal	139.7 cm (55")
HD type	4K Ultra HD
Display resolution	3840 x 2160 pixels
Display technology	QLED
Screen shape	Flat
Native aspect ratio	16:9
Supported video modes	576p, 720p, 1080p, 1440p, 2160p
Supported graphics resolutions	640 x 480 (VGA), 720 x 576, 1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160

Native refresh rate	60 Hz
Display refresh rates supported	24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz
Display diagonal (metric)	139 cm
	Smart TV
Smart TV	Yes
Internet TV	Yes
Operating system installed	Titan OS
Apple AirPlay 2 support	Yes
Hybrid Broadcast Broadband TV (HbbTV)	Yes
Smart modes	Game, Movie, Personal
Video apps	Amazon Prime Video, BBC iPlayer, Disney+, HBO, Netflix, YouTube
	Network
Wi-Fi	Yes
Wi-Fi standards	Wi-Fi 5 (802.11ac)
	Design
Product colour	Black
VESA mounting	Yes
Panel mounting interface	200 x 100 mm
Signal strength indication	Yes
Stand colour	Black
	Ports & interfaces
HDMI ports quantity	3
HDMI version	2.1
Audio Return Channel (ARC)	Yes
HDCP	Yes
HDCP version	2.3
USB 2.0 ports quantity	2
Headphone outputs	1
Consumer Electronics Control (CEC)	EasyLink
	Performance
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)
Game mode	Yes
Teletext function	Yes
Teletext	1000 pages

Subtitles function	Yes
Video formats supported	AV1, AVC, AVI, H.264, H.265, HEVC, MKV, MPEG1, MPEG4, VP9
Audio formats supported	AAC, FLAC, MP3, WAV
Image formats supported	BMP, GIF, HEIF, JPEG, PNG
Subtitle formats supported	ASS, SMI, SRT, SSA, SUB, TXT
Ambient light sensor	Yes
Backlight dimming technology	Micro Dimming
Game features	Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR)
	Packaging content
Desktop stand	Yes
Cables included	AC
Remote control included	Yes
	Power
Power consumption (typical)	93 W
Power consumption (standby)	0.5 W
Energy efficiency class (SDR)	E
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	63 kWh
Energy consumption (HDR) per 1000 hours	93 kWh
AC input voltage	100-240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G
Power supply type	Internal
	Audio
Number of speakers	2
RMS rated power	20 W
Audio output channels	2.0 channels
Audio decoders	DTS:X, Dolby Atmos, Dolby Digital
Equalizer	Yes
Enhanced Audio Return Channel (eARC)	Yes
	Weight & dimensions
Width (with stand)	1126 mm
Depth (with stand)	262 mm
Height (with stand)	735 mm
Weight (with stand)	9.9 kg
Width (without stand)	1126 mm

Depth (without stand)	88 mm
Height (without stand)	715 mm
Weight (without stand)	9.7 kg
Stand width	81.1 cm
	TV tuner
Tuner type	Digital
Digital signal format system	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD
	Management features
Picture mute (for radio)	Yes
ECO mode	Yes
On/Off timer	Yes
Works with Amazon Alexa	Yes
Works with the Google Assistant	Yes
	Brand-specific features
Philips technologies (AV/TV)	Gamebar 2.0, IntelliSound Engine, Pixel Precise Ultra HD, Works With Control4, Works With Matter
	Packaging data
Package width	1320 mm
Package depth	142 mm
Package height	806 mm
Package weight	13.6 kg