

Philips
4000 series LED-LCD TV

28" class/po



28PFL4609



Smart TV

Performance and connectivity at a great value

Wireless connectivity and 120 PMR performance in this LED LCD TV. Entertainment with Netflix, YouTube, Vudu, Pandora, Facebook, and more. Connect wirelessly to explore unlimited internet access on your TV with WirelessConnect

Enlarge your viewing experience

- High Definition Resolution
- Brilliant LED images with low power consumption
- 120 Hz PMR for the ultimate in motion sharpness
- Enjoy rich sound and clear dialog with DTS TruSurround

Enjoy the online world of connectivity

- Interact and play over a dozen games online with Tag Gaming
- One button access to wireless NetTV services on your TV
- Connect a PC or MAC to a TV wirelessly with WirelessConnect

Complete digital connectivity made simple

- Direct remote access to Netflix and Vudu movie services
- Smart Cloud for automatic updates to content
- Customizable remote for direct access to apps
- Built-in Wireless gives you everything you need



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Highlights

LED with low power consumption

LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality, as well as being the lowest power consumption in its category. Another environmental benefit is that LED lighting technology does not contain hazardous materials. With an LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

Online games with Tag Gaming

Interact and play over a dozen games online with Tag Gaming

Wireless NetTV services

Experience a rich selection of online services with Net TV wirelessly. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Wirelessly navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen.

Direct remote Netflix and Vudu

To speed up the process, and make it more user-friendly, there are Netflix and VUDU shortcut buttons on remote control that allow you to do the basic commands necessary both for watching your video and for controlling the general interface.

Smart Cloud

Smart Cloud for automatic and effortless access and updates to content on your TV. Get the latest updates on weather and news, as well as current updates on Facebook. Always ensure that your TV is operating on the latest performance firmware. Interact and play games remotely with people around the world with the Tag Gaming package.

User programmable remote

Assign hot keys on the remote for fast and easy access to your favorite apps from the NetTV menu

WirelessConnect

Watch and surf anything and everything on the web wirelessly from your MAC or PC to your TV with WirelessConnect. Imagine the ability to have unlimited access to every web destination like shopping, email, videos, social networking, as well as your favorite TV shows and sporting events. With WirelessConnect your laptop screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

28PFL4609/F7

120 Hz PMR



120 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the HDTV to produce faster picture transitions and reduces motion artifacts.

DTS TruSurround



DTS TruSurround creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog. Extremely broad sweet spot for maximum realism and enjoyment, sculpted bass to optimize low frequency performance of small drivers and enclosures, dialog enhancement to ensure clear and intelligible vocals and definition control for maximum high-frequency realism and clarity.

NETFLIX



Specifications

Picture/Display

- Aspect ratio: Widescreen(16:9)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1200:1
- Response time (typical): 8 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 28 inch / 71.12 cm
- Visible screen diagonal (inch): 27.5 inch
- Display screen type: LED WXGA Display
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Black stretch, Digital Noise Reduction, Progressive scan, MPEG artifact reduction

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1440 x 900	60 Hz
1920 x 1080	60Hz
1680 x 1050	60Hz
1400 x 1050	60Hz

• Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	24,30,60Hz

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 8W
- Sound System: Dolby Digital (AC-3), Stereo, SAP, DTS TruSurround™

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore
- Ease of Use: Auto Volume Leveller (AVL), AutoPicture, AutoSound, Settings assistant Wizard
- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot), Normal, Full
- Multimedia: auto slideshow, USB media browser

Multimedia Applications

- Multimedia connections: USB memory class device
- Playback Formats: MP3, JPEG Still pictures, MPEG1, MPEG2, H.264/MPEG-4 AVC, MPEG 4 SP/ASP

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Tuner bands: UHF, VHF

Connectivity

- AV 1: Shared audio L/R in, CVBS/YpBPr
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Ethernet, Headphone out, PC-In
- VGA, Wi-Fi(built-in)
- USB: USB
- HDMI 1: HDMI, Shared audio L/R in
- HDMI 2: HDMI, Shared audio L/R in
- HDMI 3: HDMI, Shared audio L/R in
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), Remote control pass-through, System audio control, System standby

Power

- Ambient temperature: 5°C to 40°C (41°F to 104°F)
- Mains power: 120V/60Hz
- Power consumption: 45 W
- Standby power consumption: < 0.5 W

Dimensions

- Set dimensions in inch (W x H x D):

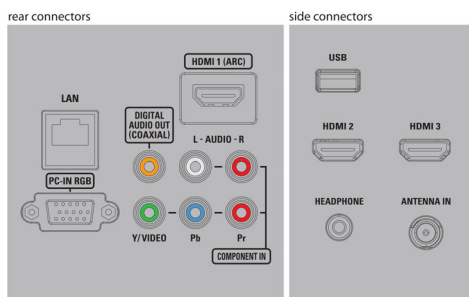
- 25.2 x 15.7 x 3.9 inch
- Product weight (lb): 9.71 lb
- Set dimensions with stand in inch (W x H x D): 25.2 x 17.4 x 7.4 inch
- Product weight (+stand) (lb): 11.47 lb
- Box dimensions in inch (W x H x D): 29.2 x 18.8 x 6.4 inch
- Weight incl. Packaging (lb): 13.67 lb
- VESA wall mount compatible: 100 x 100 mm

Accessories

- Included accessories: Table top stand, Quick start guide, User Manual, Remote Control, Batteries for remote control

Network Services

- NetTV Apps: CloudTV, Netflix, Pandora, Portico, Vudu, YouTube
- Network Features: DLNA Multimedia Browser, WirelessConnect



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