

PHILIPS



7600 Series 144Hz
4K UHD Gaming TV

Google Gaming TV

50" Google TV
UHD 4K 2160p
AMD Freesync™ Premium
144Hz Native, ALLM



50PUG7674

Immersive 4K Gaming Experience

144Hz Ultra HD Gaming TV

Unleash your game with our 4K Gaming TV – where stunning visuals meet ultra-smooth refresh rates. With settings optimized for gameplay out of the box, simply plug in your TV and fire up your favorite game for the ultimate gaming experience.

Unleash your game

- HDR10 brings your content to life with realism and detail
- 144Hz native refresh rate allows for ultra-smooth gaming
- Crisp, clear picture with 4K Ultra HD resolution
- Large screen for single player or multiplayer gameplay

Play like a Pro

- AMD Freesync™ Premium enables seamless, tear-free gaming
- Low input lag means faster action and better gaming results
- Faster panel reduces image smearing for greater details
- Settings optimized for enhanced gaming right out of the box

Your Entertainment Destination

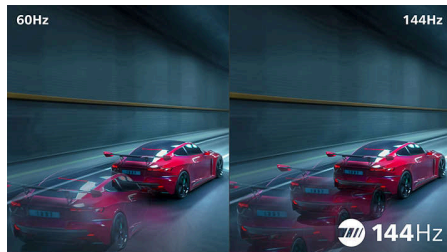
- Google TV brings together movies, shows, live TV and more
- Dolby Vision and Atmos for a cinematic experience at home
- Google TV brings together movies, shows, live TV and more
- Hey Google – Search, discover, control your smart home

Highlights

Entertainment you love

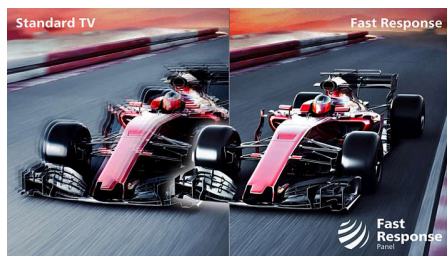
Google TV brings together movies, shows, live TV and more from across your apps and subscriptions and organizes them just for you.

144Hz Native Refresh rate



Our high-speed 144Hz native refresh rate reduces stuttering and flickering, for an ultra-smooth gaming experience. Perfect for fast-paced games.

Fast Response Panel



Stay victorious in your favorite games with a faster response rate panel. Enjoy less smearing in gaming sessions so you don't miss a moment of the action.

Big Screen, Better Gameplay

All your favorite games on a beautifully large screen. Perfect for single player or multiplayer split-screen gameplay for game nights with the crew.

Entertainment you love



Google TV brings together movies, shows, live TV and more from across your apps and subscriptions and organizes them just for you.

Search, discover and control



Use your voice to find movies, control your TV, and control smart home devices.* Press the Google Assistant button on the remote to get started.

4K Ultra HD Resolution



4K Ultra HD has 4x the resolution of Full HD. Watch your favorite movies, TV shows, and games come alive with incredible detail and clarity.

Out-of-box Gaming Experience

Settings are optimized for an enhanced gaming experience right out of the box. Just plug in your TV and fire up your favorite game.

ALLM Game Mode



Game Mode automatically selects settings for the lowest input lag so you experience the best gaming performance.

Dolby Vision and Dolby Atmos



Dolby Vision and Atmos unlocks greater detail and encompassing surround sound, for an immersive visual and audio cinematic experience at home.

HDR 10 support



HDR10 support offers the most immersive visual experience with greater shadow detail and contrast to bring your gaming world and videos to life.

Highlights

AMD Freesync™ Premium



AMD Freesync Premium allows fluid tear-free gaming in all resolutions so you can enjoy 4K UHD games with high detail and clarity.

Connectivity for all your needs



Wireless and Bluetooth enabled. 802.11 AC for fast wireless streaming and BT for easy connection to Headphones, soundbars, and other immersive peripherals.

Specifications

Picture/Display

Aspect ratio: 16:9
Contrast ratio (typical): 5000:1
Response time (typical): 7.5 ms
Diagonal screen size (inch): 50 inch
Diagonal screen size (metric): 127 cm
Backlight: LED
Panel resolution: 3840x2160p
Picture enhancement: 144 Hz Native, Freesynch Premium, Game Mode, Dolby Vision, HDR10, HLG
Brightness: 320 cd/m²
Visible screen diagonal (inch): 49.5 inch
Display screen type: LED UltraHD Display
Viewing angle: 178° (H) / 178° (V)

Supported Display Resolution

Computer formats: Up to 3840x2160 @ 144Hz, Up to 4096x2160 @ 120Hz
Video formats: 480p, 60Hz, 720p, 60Hz, 1080i, 60Hz, 1080p, 24, 30, 60Hz, 2160p, 24, 30, 60Hz, 3840x2160 @ 144Hz

Sound

Output power (RMS): 2 x 10 W
Sound System: Dolby Atmos, Dolby Audio

Loudspeakers

Built-in speakers: 2

Convenience

Child Protection: Child Lock+Parental Control
Clock: Sleep Timer
Ease of Use: Auto Volume Leveling, Picture style, Sound style
Remote Control: TV
Screen Format Adjustments: Automatic
Ease of Installation: Guided setup

Multimedia Applications

Multimedia connections: USB, Wireless802.11 b.g.n. built-in

Tuner/Reception/Transmission

Aerial Input: 75 ohm F-type
TV system: ATSC, NTSC
Video Playback: ATSC, NTSC

Connectivity

Number of HDMI connections: 4
Wireless connection: Wireless LAN (802.11ac)
Other connections: Headphone out, CVBS+Audio L/R in, Digital audio out (optical), F-Type (75 ohm)
HDMI features: 4K
EasyLink (HDMI-CEC): EasyLink, One touch play, Power status, System info (menu language), Remote control pass-through, System audio control, System standby
Bluetooth version: 5.0
USB 2.0 inputs: 2
Audio Output - Digital: Optical (TOSLINK)
USB: USB 3.0 x 1; USB 2.0 x 2
HDMI 1: ALLM, HDCP 2.2, HDMI 2.0
HDMI 2: ALLM, HDCP 2.2, HDMI 2.0
HDMI 3: eARC, HDCP 2.2, HDMI 2.1, ALLM
HDMI 4: HDCP 2.2, HDMI 2.1, ALLM
Number of USBs: 3

Power

Power consumption: 140 W
Standby power consumption: <0.5 W
Main power: 120V/60 Hz

Dimensions

Box height (inch): 28.9 inch
Box width (inch): 47.6 inch
Box depth (inch): 5.0 inch
Wall mount compatible: 200 x 200 mm
Product weight: 22 lb
Set Width (inch): 43.7 inch
Set Height (inch): 25.3 inch
Set Depth (inch): 3.0 inch
Set width (with stand) (inch): 43.7 inch
Set depth (with stand) (inch): 10.2 inch
Set height (with stand) (inch): 26.6 inch
Product weight (+stand) (lb): 22.7 lb
Weight incl. Packaging (lb): 29.7
Stand width (inch): 39.8 inch

Accessories

Included accessories: Batteries for remote control, Quick start guide, Remote Control, Stand Feet x 2, Screws

Network Services

Network Features: Google Cast

