



Google Play
 TRU MICRODIMMING
 TRU RESOLUTION
 TRU FLOW
 Dolby Atmos

Dolby Vision
 QLED
 4K HDR ULTRA HD
 androidtv
 Chromecast built-in

## androidtv

Explore thousands of movies, shows, games and get answers to your questions on the big screen with Android TV and Google Voice Assistant. Plus, with Chromecast built-in, simply cast movie, shows and photos from all your family's devices.

## Dolby Vision

Immerse yourself in the on-screen action with one of our Toshiba Dolby Vision compatible TVs. The preferred HDR video format of movie makers around the world, Dolby Vision uses dynamic metadata to read and calculate exactly the right brightness level for every TV frame.

## Dolby Atmos

A TV with down firing stereo speakers using Dolby Atmos audio processing will provide breathtaking sound that has impressive clarity, richness, detail, and depth. A consumer can experience Dolby Atmos in the cinema and get that same Dolby Atmos experience in the home like no other sound solution.

## dts VIRTUAL

Simplifies the expansion of the surround sound listening by providing primarily the perception of height channels, without requiring additional speakers. DTS achieves 3D surrounding sounds natively without sound conversion process from 2D to 3D.

## TRU RESOLUTION

Automatically up-scales non 4K content so you can experience your favourite movies and TV shows in the highest resolution.

## TRU MICRODIMMING

Enhances the contrast of an image by optimising the darker and brighter regions to create a more realistic image.

## Ok Google

Use your voice to search for shows, control your TV, plan your day, and more. Just ask Google.

## QLED

QLED TV creates brighter, more-saturated, and more accurate colors. The LED in most LCD TV emits white light, but those in quantum dot televisions emit blue light.



## DISPLAY

|                         |                          |
|-------------------------|--------------------------|
| Screen Size (inch / cm) | 50" / 126cm              |
| Panel Type              | Direct Back Light (DLED) |
| Resolution              | Ultra HD (3840 x 2160)   |
| Brightness              | 320                      |

## SOUND

|                          |                           |
|--------------------------|---------------------------|
| Dolby Audio™             | Yes                       |
| Audio Output Power (RMS) | 2x10W                     |
| Speaker Type             | Down Firing               |
| Internal Subwoofer       | No                        |
| Sound Modes              | Smart, Movie, Music, News |
| DTS                      | No                        |
| Equalizer                | 5 band                    |
| Onkyo                    | Yes                       |
| Ger (D) + Nicam Stereo   | Yes                       |

## ACCESSORIES

|                        |                    |
|------------------------|--------------------|
| Remote Control         | Yes                |
| Remote Control Battery | (AAA) x 2 Alkaline |
| Quick Start Guide      | Yes                |
| Small Remote Control   | No                 |

## FEATURES

|                                |               |
|--------------------------------|---------------|
| HDMI™ ARC                      | Through HDMI2 |
| USB Recording (PVR Ready)      | Yes           |
| Channel List USB Cloning       | No            |
| Teletext                       | Yes           |
| HDMI™ CEC                      | Yes           |
| Basic Hotel Mode               | No            |
| Media Player                   | Yes           |
| MHL via HDMI™ (Mobile HD Link) | No            |
| Child Lock                     | No            |
| NTSC Playback                  | No            |

## VIDEO

|                   |   |
|-------------------|---|
| Wide Color Gamut  | Yes                                       |
| HDR               | Yes                                       |
| Picture Modes     | User, Standard, Vivid, Sport, Movie, Game |
| Dolby Vision HDR  | Yes                                       |
| TRU Flow          | Yes                                       |
| TRU Resolution    | Yes                                       |
| TRU Micro Dimming | Yes                                       |
| MEMC              | Yes                                       |
| UHD Upscaler      | Yes                                       |

## TUNER / BROADCASTING

|   |                |
|---|----------------|
| HEVC (H.265) Decoder                      | Yes            |
| Tuner Type                                | HD DVB-T2/C/S2 |
| UHD from Satellite                        | Yes            |
| Dual Tuner                                | No             |
| Electronic Program Guide (EPG)            | Yes            |
| Auto Search                               | Yes            |
| Program Storage Capacity (Analog)         | 200            |
| Program Storage Capacity (Digital S/S2)   | 10000          |
| Program Storage Capacity (Digital T/T2/C) | 800            |

## CONNECTIONS

|                          |        |
|--------------------------|--------|
| CI+                      | Yes    |
| HDMI™                    | 3 HDMI |
| USB                      | 2 USB  |
| Component (YPbPr) in     | No     |
| Composite Video/Audio in | No     |
| Scart                    | No     |
| Ethernet                 | Yes    |
| Digital Audio Output     | Optic  |
| Headphone Out            | Yes    |
| Antenna Input            | Yes    |
| VGA (PC in - D-Sub15)    | No     |

## SMART TV FEATURES

|                           |                             |
|---------------------------|-----------------------------|
| HBBTV ver 2.0.2           | Yes                         |
| Audio-Video Sharing (AVS) | No                          |
| Smart Portal              | Android TV                  |
| Web Browser               | No                          |
| Netflix                   | Yes                         |
| YouTube™                  | Yes                         |
| Bluetooth                 | Yes                         |
| Screen Mirroring          | No                          |
| Prime Video               | Yes                         |
| Google Assistant          | Works with Google Assistant |
| Amazon Alexa              | Yes                         |
| Netflix 4K                | Yes                         |
| Youtube 4K                | Yes                         |

## MECHANICAL

|                               |                  |
|-------------------------------|------------------|
| Boxed dimensions (mm)         | 1215 X 165 X 780 |
| Dimensions with stand (mm)    | 1120 x 259 x 712 |
| Dimensions without Stand (mm) | 1120 x 87 x 648  |
| Gross Weight (kg)             | 13,25 kg         |
| Net Weight (kg)               | 9,75 kg          |
| VESA (Wall mount) WxH         | 200mm x 200mm    |

## POWER / ENERGY

|                                       |             |
|---------------------------------------|-------------|
| Stand-By Energy Consumption (Average) | <0.5W       |
| Working Voltage - Frequency           | 220-240V AC |
| 12V TV (Mobile TV)                    | No          |
| Energy Class                          | E           |
| Energy Consumption (kWh / 1000h)      | 54          |
| HDR Energy Class                      | G           |
| HDR Energy Consumption                | 104         |