



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



For no additional monthly fees, you can watch catch up through your TV guide and access last week's shows on demand. Discover programmes from BBC iPlayer, the ITV hub, All 4, My 5 and UKTV sitting alongside over 70 digital channels and a further 15 in HD.



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.



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.



Predicts the frame in between the frames to create smoother viewing in fast-paced scenes. Perfect for sport and movies.



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



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



Talk to Alexa via an Amazon Echo or Echo Dot and control your Toshiba Smart TV with nothing but the sound of your voice.



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## DISPLAY

Screen Size (inch / cm)	50" / 126cm
Panel Type	Direct Back Light (DLED)
Resolution	Ultra HD (3840 x 2160)
Brightness	275

## SOUND

Dolby Audio™	Yes
Audio Output Power (RMS)	2x10W
Speaker Type	Down Firing
Internal Subwoofer	No
Sound Modes	Music, Movie, Speech, Classic, Flat, User
DTS	Yes
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	eARC Through HDMI2
USB Recording (PVR Ready)	No
Channel List USB Cloning	No
Teletext	Yes
HDMI™ CEC	Yes
Basic Hotel Mode	No
Menu Languages	German, English, French, Italian, Spanish
Media Player	Yes
MHL via HDMI™ (Mobile HD Link)	No
Child Lock	Yes
NTSC Playback	No

## VIDEO

Wide Color Gamut	No
HDR	Yes
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
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)	No

## CONNECTIONS

CI+	Yes
HDMI™	3 HDMI
USB	2 USB
Component (YPbPr) 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	Fire TV
Web Browser	Yes
Netflix	Yes
YouTube™	Yes
Bluetooth	Yes
Screen Mirroring	Yes
Prime Video	Yes
Google Assistant	No
Amazon Alexa	Built in Alexa
Netflix 4K	Yes
Youtube 4K	Yes

## MECHANICAL

Boxed dimensions (mm)	1215 X 165 X 780
Dimensions with stand (mm)	1120x 249 x 690
Dimensions without Stand (mm)	1120 x 87 x 648
Gross Weight (kg)	15
Net Weight (kg)	11,3
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