



50P635

50"

TCL 4K HDR TV with Google TV



4K HDR
superb contrast, vivid
accurate colours and finest details



Dynamic colour enhancement
Rich colour enhancement for HDR
like picture quality



Enhanced contrast, colours and details



GAME MASTER

Game Master
Your optimized gaming experience



Fast game experience



Dolby Audio
delivers rich, clear,
powerful sound in your TV



Entertainment you love.
With a little help from Google



Google Assistant
Ask it questions. Tell it to do things.
Control home devices



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PICTURE

Screen size (inches/cm)	50 / 127
Visible screen size : diagonal(inches/cm)	50 / 126
Panel resolution	UHD
Wide color Technology	Dynamic color
HDR formats	HDR10, HLG
HDR brightness	-
Picture Performance Index*	2300
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	IPQ 2.0 Engine
Ultra AR coating	-
UHD upscaling	UHD Machine Learning AI SR
Color management	WP/20P/CMS calibration
Digital Noise Reduction	Yes
Film Mode	Yes

* Picture performance Index

AUDIO

Sound power	2x10 W
Dolby	Dolby AC4
Sound Processing	Dolby Audio
Equaliser	Presets
Speaker type	2.0 sound system
Audio quality by	-
Speakers	Full range down
Digital Pure Sound	-
Woofer	-
Auto volume control	Yes

SMART CONTENT

Processor	Quad Core
SmartTV	GoogleTV (29 languages)
Android OS	GoogleTV (ATV 11.0)
GuideOn (Internet EPG)	-
4K	Netflix, YouTube, Amazon Prime, AppleTV+ & more
Applications	Google Play Store
Social	-
Web browser	-
HbbTV	2.0.2
Smart integrated TV microphone	-
Internal memory	10.2GB / 9.2GB

CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption/Subtitle	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Auto
Sports mode	Yes
Multipicture	PAT
Sleep timer	Yes
Hotel mode	-
OSD Languages	29
HDMI CEC (T-link)	Full
HDMI quick switch	Yes

* USB key not included

CONVERGENCE

Bluetooth	A2DP, HID
DLNA 1.5	Yes
Wifi display (Miracast)	Chromecast & T-cast
USB HID support	Yes

CONTROL

Remote control batteries	Yes
Remote Control	RC902V1+RC802NU1

TUNER/BROADCASTING

DTV Tuner	DVB-T2/C/S2
Video decoding	H.265 UHD, H.264, MPEG-2
Analogue tuner	Yes
Analogue tuner systems	PAL/SECAM/NTSC (AV) BG/DK/LL'
CI+	Yes (1.4, ECP)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

CONNECTIVITY

HDMI	3 x 2.1
HDCP 2.2	2,3
USB	1 x 2.0
YPbPr	CVBS Optional
DVI-in (video)	-
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in ac/n/g 2.4/5Ghz MIMO
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestrial/Cable)	1
RF in (F Sat)	1
Sat: Dseq / Unicable	Yes v.1.0 / ver. I
CI slot	1
HDMI eARC/ARC	eARC HDMI1
HDMI max resolution	2160P/60Hz 422 12bit
Power cable	Detachable, 1.5 m

GAMING EXPERIENCE

HDMI 2.1 :	Features	UHD 120p, ALLM
	VRR / FreeSync / G-sync	-

DESIGN

Color	Dark metal front
Vesa size	200 x 200 mm
Stand design	Y-shape

POWER

EEL class SDR / HDR	F / G
On mode power demand in SDR / HDR	58 / 85 W
Auto power off	Yes
Power supply	220-240V~50Hz
Standby mode power demand	0.5 W
Networked standby mode power demand	2.00 W
Peak luminance ratio	73%
Power rating	110 W
Mercury content	0.0 mg
Lead presence	Yes

DIMENSIONS & WEIGHT

Product Size	1112 / 701 / 264 mm
Stand width & depth	1028 / 264 mm
Product size w/o stand	1112 / 647 / 8-54-80 mm
Packaging size	1255 / 765 / 127 mm
Product / packaging	8.80 / 11.80 kg
Without stand	8.60 kg
EAN	5901292517571
Manual - languages number	29
Incl. 3D glasses	-