

**TCL**

**50EP640**

**50"**

**Ultra Slim 4K UHD TV  
with HDR and Android  
TV**



**Share Unique TV Moments in 4K HDR ! Powered by AndroidTV**

**4K HDR**

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



**Micro Dimming**  
analyses the TV picture in  
separate zones to adapt the brightness



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

**androidtv**

**Android TV**  
Entertainment tailored  
for you



**Google Assistant**  
Meet your Google Assistant.  
Ask it questions. Tell it to do things



**Alexa**  
lets your voice control your world

**NETFLIX**

**NETFLIX**  
now, available in  
4K UHD HDR quality

**YouTube**

**YouTube**  
now, available in  
4K UHD HDR quality

**TCL**

# 50EP640



## DISPLAY

Screen size (inches/cm)	50 / 127
Visible screen size : diagonal(inches/cm)	50 / 126
Panel resolution	UHD
Wide color Technology	-
HDR (High Dynamic Range)	Yes
HDR brightness	-
Picture Performance Index*	1200
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	IPQ 2.0 Engine
Dimming	Pro
Ultra AR coating	-
UHD upscaling	UHD
Color management	UHD Color Extender
Digital Noise Reduction	Yes
Film Mode	Yes

\* Picture performance Index

## AUDIO

Sound power	2x8 W
Music sound power	2x16 W
Dolby	Dolby AC4
Sound Processing	Dolby Audio processing
Equaliser	Yes
Speaker type	Down Firing
Audio quality by	-
Speakers	Full range
Digital Pure Sound	-
Woofer	-
Auto volume control	Yes

## SMART CONTENT

Processor	Quad Core
SmartTV	AndroidTV & TV+ (29 languages)
Android OS	Android P (9.0)
GuideOn (Internet EPG)	-
4K	Netflix, YouTube, Amazon Prime* & more
Applications	Google Play Store & TV+
Social	Yes
Web browser	Yes
HbbTV	2.0.1
Voice search	Ready

## 3D

3D Technology	-
2D to 3D conversion	-
3D depth adjustment	-
3D resolution	-

## CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Yes
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	RC802N4

## 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 update)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

## CONNECTIVITY

HDMI	3 x 2.0b
HDCP 2.2	All HDMI's
USB	2 x 2.0
YPbPr	CVBS
DVI-in (video)	via HDMI3
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in b/g/n
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestrial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / SCD	Yes v.2.2 / Yes
CI slot	1
HDMI ARC	via HDMI 1
HDMI max resolution	2160P/60Hz 12bit
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.5 m

## DESIGN

Color	Black, Silver stand
Vesa size	200 x 200 mm
Stand type	Fixed

## POWER

Energy efficiency class*	A+
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)*	0,21 W
Power consumption (network standby)*	0,23 W
Power consumption (on mode IEC62087 Ed.2)*	71 W
Annual power consumption (EU standard)*	104 kWh
Peak luminance ratio	78%
Power consumption (maximum)*	120 W
Mercury content	0,0 mg
Presence of Lead	Yes

\*estimation

## DIMENSIONS & WEIGHT

Product Size	1131 / 712 / 240 mm
Product size w/o stand	1131 / 660 / 14-45-78 mm
Packaging size	1265 / 760 / 145 mm
Product / packaging	10,30 / 13,80 kg
Without stand	10,20 kg
EAN	5901292513337
Manual	29
Incl. 3D glasses	-