

**TCL**

**50C645K**

**50"**

**TCL 4K QLED TV with  
Android TV and Game  
Master**



**ENDLESS COLOURS, ENDLESS ENTERTAINMENT**

**QLED**

**QLED**

The exceptional colours of QLED

**4K HDR PRO**

**4K HDR PRO**  
unrivalled blacks, higher  
contrast and vivid colours

**MULTI HDR FORMAT**  
Dolby Vision HDR10

**HDR multi-format**  
Stunning HDR whatever the source



**GAME MASTER**

**Game Master**  
Your optimized gaming experience

**HDMI 2.1**

**ALLM**  
Auto Low Latency Mode

Fast game experience

**Dolby**  
ATMOS

**Dolby Atmos**  
transports you into the story  
with moving audio

**androidtv**

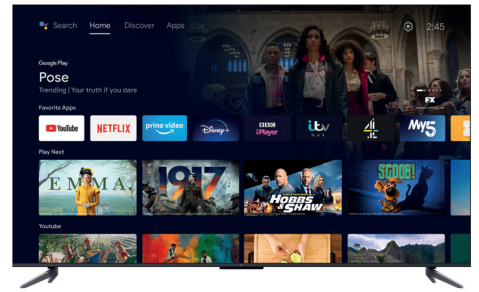
**Android TV**  
Entertainment tailored  
for you

**Hey Google**

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

# TCL

## 50C645K



### PICTURE

Screen size (inches/cm)	50 / 127
Visible screen size : diagonal(inches/cm)	50 / 126
Panel resolution	UHD
Wide color Technology	Quantum Dot
HDR (High Dynamic Range)	-
HDR formats	Dolby Vision, HDR10+, HDR10, HLG
HDR brightness	-
Picture Performance Index*	3100
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	AI PQ 3.0 Engine
Ultra AR coating	-
UHD upscaling	UHD Machine Learning AI SR
Color management	20P & 2P calibration
Digital Noise Reduction	Yes
Film Mode	Yes

\* Picture performance Index

### AUDIO

Sound power	2x10 W
Dolby	Dolby AC4, Dolby TrueHD
Sound Processing	Dolby Atmos, DTS Virtual-X, Virtualization & upmix
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	AndroidTV (29 languages)
Android OS	Android R (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	Yes

### 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	RC833F

### 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	2
HDCP 2.2	2,3
USB	1 x 3.0
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: Diseq / 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	Brushed titanium metal front
Vesa size	300 x 300 mm
Stand design	Y-shape

### POWER

EEL class SDR (X1)	G / G
On mode power demand in SDR (X1)	68 / 113 W
EEL class HDR (X1)	G / G
On mode power demand in HDR (X1)	68 / 113 W
EEL class SDR (X2)	-
On mode power demand in SDR (X2)	-
EEL class HDR (X2)	-
On mode power demand in HDR (X2)	-
Auto power off	Yes
Power supply	-
Standby mode power demand	-
Networked standby mode power demand	- W
Peak luminance ratio	65%
Power rating	-
Mercury content	0.0 mg
Lead presence	No

### DIMENSIONS & WEIGHT

Product Size	1112 / 700 / 292 mm
Stand width & depth	998 / 292 mm
Product size w/o stand	1112 / 648 / 10,1-51-81 mm
Packaging size	1265 / 770 / 126 mm
Product / packaging	10.50 / 13.60 kg
Without stand	10.30 kg
EAN	5901292519711
Manual - languages number	29
Incl. 3D glasses	-