

TCL

55P638K

55"

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



IMMERSIVE 4K HDR ANDROID TV



4K HDR

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

MOTION CLARITY

For smooth picture and improved motion

HDR 10

Enhanced contrast, colours and details



GAME MASTER

Game Master
Your optimized gaming experience

Dolby
AUDIO

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

androidtv

Android TV
Easy endless entertainment

Hey Google

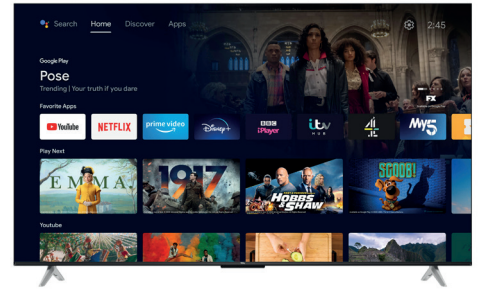
Google Assistant
Ask it questions. Tell it to do things.
Control home devices

FreeviewPlay

Freeview Play
Go The Other Way with
Freeview Play

TCL

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DISPLAY

Screen size (inches/cm)	55 / 139.7
Visible screen size : diagonal(inches/cm)	54.6 / 139
Panel resolution	UHD
Wide color Technology	Dynamic color
HDR (High Dynamic Range)	-
HDR formats	HDR10, PQ10, HLG
HDR brightness	-
Picture Performance Index*	2300
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	IPQ 2.0 Engine
Dimming	Yes
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
Music sound power	-
Dolby	Dolby AC4
Sound Processing	Dolby Audio
Equaliser	-
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 (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	-

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	Yes
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	RC802N5

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
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 / SCD	Yes v.2.2 / Update
CI slot	1
HDMI eARC/ARC	eARC HDMI1
HDMI max resolution	2160P/60Hz 422 12bit
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.5 m

GAMING EXPERIENCE

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

DESIGN

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

POWER

EEL 2021 class SDR (X1)	E
Annual SDR power consumption (EEL 2021) (X1)	59 W
EEL 2021 class HDR (X1)	G
Annual HDR power consumption (EEL 2021) (X1)	90 W
EEL 2021 class SDR (X2)	-
Annual SDR power consumption (EEL 2021) (X2)	-
EEL 2021 class HDR (X2)	-
Annual HDR power consumption (EEL 2021) (X2)	-
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)	0,5 W
Power consumption (network standby)	2,00 W
Peak luminance ratio	76%
Power consumption (maximum)	125 W
Mercury content	0,0 mg
Presence of Lead	No

DIMENSIONS & WEIGHT

Product Size	1226 / 765 / 267 mm
Stand width & depth	1116 / 267 mm
Product size w/o stand	1226 / 715 / 8-55-81 mm
Packaging size	1395 / 857 / 135 mm
Product / packaging	10,00 / 13,80 kg
Without stand	9,80 kg
EAN	5901292517809
Manual - languages number	29
Incl. 3D glasses	-