

TCL

55C831

55"

TCL 4K Mini-LED 144hz TV with QLED, Google TV and Onkyo 2.1 sound system



POWERFULLY PRECISE

Mini LED

TCL Mini-LED
Next-Gen display is already here

QLED

QLED
The exceptional colours of QLED

4K HDR PREMIUM 1000

4K HDR Premium 1000
Superb contrast, details and striking brightness

144Hz MOTION CLARITY PRO

144Hz Motion Clarity Pro
144Hz native display for premium motion



HDR multi-format
Stunning HDR whatever the source

HDMI 2.1 ALLM 144Hz VRR

HDMI 2.1 ALLM 144Hz VRR
Fast and smooth game experience



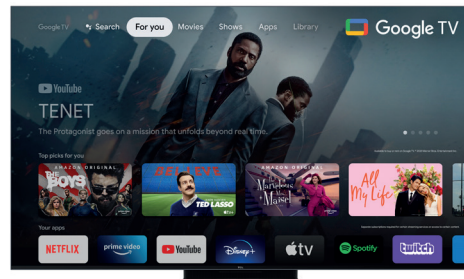
Onkyo sound with Dolby Atmos
Immersive cinema audio experience at home



Entertainment you love.
With a little help from Google

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	Quantum Dot
HDR (High Dynamic Range)	Yes
HDR formats	Dolby Vision IQ, HDR10+, HDR10, PQ10, HLG
HDR brightness	1000 nits
Picture Performance Index*	4200
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	AI-PQ 2.0 Engine
Dimming	Yes
Ultra AR coating	-
UHD upscaling	UHD SR neural networks
Color management	3D LUT, 10P & 2P calibration
Digital Noise Reduction	Yes
Film Mode	Yes

* Picture performance Index

AUDIO

Sound power	2x15 W + 20W
Music sound power	2x50 W
Dolby	Dolby AC4, Dolby TrueHD
Sound Processing	Dolby Atmos, Virtualization & upmix
Equaliser	7 band
Speaker type	Down Firing
Audio quality by	ONKYO
Speakers	2 way
Digital Pure Sound	-
Woofer	Yes
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	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	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	4 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 ax/ac/n 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 / Yes
CI slot	1
HDMI eARC/ARC	eARC HDMI 1
HDMI max resolution	2160P/120Hz 444 12bit, (2160P/144Hz 444 10bit)
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.5 m

GAMING EXPERIENCE

HDMI 2.1 :	Features	UHD 144p HDR, ALLM, eARC
	VRR / FreeSync / G-sync	Yes / Premium Pro / -

DESIGN

Color	Brushed titanium metal front
Vesa size	300 x 300 mm
Stand design	Central

POWER

Energy efficiency class SDR*	-
Annual SDR power consumption*	-
Energy efficiency class HDR*	-
Annual HDR power consumption*	-
Auto power off	Yes
Power supply	-
Power consumption (standby)*	0,29 W
Power consumption (network standby)*	- W
Peak luminance ratio	65%
Power consumption (maximum)*	-
Mercury content	0,0 mg
Presence of Lead	-

*estimation

DIMENSIONS & WEIGHT

Product Size	1227 / 770 / 303 mm
Stand width & depth	430 / 303 mm
Product size w/o stand	1227 / 712 / 10-50-82 mm
Packaging size	1400 / 860 / 150 mm
Product / packaging	13,50 / 17,80 kg
Without stand	12,60 kg
EAN	5901292518288
Manual - languages number	29
Incl. 3D glasses	-