

TCL

55EC780

55"

Ultra Slim 4K HDR PRO
TV with Onkyo sound
bar and Android TV



An exceptional image deserves an exceptional sound



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



Wide Color Gamut
The Colours of
Cinema



Dolby Vision Atmos
amazing realism that you'll see,
hear, and feel like never before.



4K HDR 10+
Don't miss any detail with your
4K HDR 10+ TCL TV

ONKYO

Integrated ONKYO Soundbar
The Cinema Audio Experience at home

androidtv

Android TV
Entertainment tailored
for you



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

NETFLIX

NETFLIX
now, available in
4K UHD HDR quality

55EC780



DISPLAY

Screen size (inches/cm)	55 / 139.7
Visible screen size : diagonal(inches/cm)	54.6 / 139
Panel resolution	UHD
Wide color Technology	Wide Color Gamut
HDR (High Dynamic Range)	Yes
HDR brightness	-
Picture Performance Index*	2000
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 Premium Color Extender
Digital Noise Reduction	Yes
Film Mode	Yes

* Picture performance Index

AUDIO

Sound power	2x8 W + 2x5W
Music sound power	2x26 W
Dolby	Dolby AC4, Dolby TruHD
Sound Processing	Dolby Atmos
Equaliser	Yes
Speaker type	Front Firing
Audio quality by	ONKYO
Speakers	2 way
Digital Pure Sound	Yes
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	Built-in

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	RC602S6+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/I/L'
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 ac/n/g
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	Brushed titanium metal front
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)*	0,19 W
Power consumption (network standby)*	0,31 W
Power consumption (on mode IEC62087 Ed.2)*	85 W
Annual power consumption (EU standard)*	125 kWh
Peak luminance ratio	80%
Power consumption (maximum)*	140 W
Mercury content	0,0 mg
Presence of Lead	Yes

*estimation

DIMENSIONS & WEIGHT

Product Size	1230 / 784 / 267 mm
Product size w/o stand	1230 / 742 / 10-45-79 mm
Packaging size	1395 / 864 / 150 mm
Product / packaging	18,80 / 24,20 kg
Without stand	17,40 kg
EAN	5901292512941
Manual	29
Incl. 3D glasses	-