

**TCL**

**65EC780**

65"

**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



**Integrated ONKYO Soundbar**  
The Cinema Audio Experience at home



**Android TV**  
Entertainment tailored for you



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



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

## 65EC780



### DISPLAY

Screen size (inches/cm)	65 / 165.1
Visible screen size : diagonal(inches/cm)	65 / 164
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	2x10 W + 2x5W
Music sound power	2x30 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/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 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	400 x 200 mm
Stand type	Fixed

### POWER

Energy efficiency class*	A+
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)*	0,23 W
Power consumption (network standby)*	0,27 W
Power consumption (on mode IEC62087 Ed.2)*	118 W
Annual power consumption (EU standard)*	173 kWh
Peak luminance ratio	72%
Power consumption (maximum)*	180 W
Mercury content	0,0 mg
Presence of Lead	Yes

\*estimation

### DIMENSIONS & WEIGHT

Product Size	1446 / 960 / 275 mm
Product size w/o stand	1446 / 863 / 10-47-77 mm
Packaging size	1645 / 995 / 192 mm
Product / packaging	24,20 / 31,40 kg
Without stand	22,60 kg
EAN	5901292513054
Manual	29
Incl. 3D glasses	-