

TCL

50P830

50"

TCL 4K HDR TV with Google TV and Game Master



IMMERSIVE 4K HDR GOOGLE TV



4K HDR

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



Wide Color Gamut
The Colours of
Cinema



Brighter brights, deeper darks
and a wider range of colours



Game Master
Your optimized gaming experience

HDMI 2.1

ALLM

Auto Low Latency Mode

Fast game experience



Dolby Atmos
transports you into the story
with moving audio



Entertainment you love.
With a little help from Google



HANDS-FREE VOICE CONTROL

Hands-free Google Assistant
Let your voice be heard

TCL

50P830



DISPLAY

Screen size (inches/cm)	50 / 127
Visible screen size : diagonal(inches/cm)	50 / 126
Panel resolution	UHD
Wide color Technology	WGC
HDR (High Dynamic Range)	Yes
HDR formats	Dolby Vision, HDR10, PQ10, HLG
HDR brightness	-
Picture Performance Index*	2700
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, Dolby TrueHD
Sound Processing	Dolby Atmos, Virtualization & upmix
Equaliser	Presets
Speaker type	Down Firing
Audio quality by	-
Speakers	Full range
Digital Pure Sound	-
Woofer	-
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	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	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	3 x 2.1
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	Dark Metal front
Vesa size	200 x 200 mm
Stand design	Y-shape

POWER

EI 2021 class SDR (X1)	F
Annual SDR power consumption (EEI 2021) (X1)	57 W
EI 2021 class HDR (X1)	G
Annual HDR power consumption (EEI 2021) (X1)	84 W
EI 2021 class SDR (X2)	-
Annual SDR power consumption (EEI 2021) (X2)	-
EI 2021 class HDR (X2)	-
Annual HDR power consumption (EEI 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	74%
Power consumption (maximum)	110 W
Mercury content	0,0 mg
Presence of Lead	Yes

DIMENSIONS & WEIGHT

Product Size	1112 / 701 / 264 mm
Stand width & depth	1028 / 264 mm
Product size w/o stand	1112 / 647 / 8-54-80 mm
Packaging size	1255 / 765 / 127 mm
Product / packaging	8,80 / 11,80 kg
Without stand	8,60 kg
EAN	5901292518479
Manual - languages number	29
Incl. 3D glasses	-