

TCL

50QLED780

50"

TCL 4K QLED TV with Google TV and Game Master 3.0



QLED PRO

QLED PRO
The ultra high colours of QLED



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



For smooth picture and improved motion



HDR multi-format
Stunning HDR whatever the source



GAME MASTER 3.0

Game Master 3.0
Your optimized gaming 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

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PICTURE

Screen size (inches/cm)	50 / 127
Visible screen size : diagonal(inches/cm)	50 / 126
Panel resolution	UHD
Wide color Technology	Quantum Dot
HDR formats	Dolby Vision, HDR10+, HDR10, HLG
HDR brightness	450 nits
Picture Performance Index*	3200
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	AI PQ Processor
Ultra AR coating	-
UHD upscaling	UHD Machine Learning AI SR
Color management	WP/20P/CMS calibration
Digital Noise Reduction	Yes
Film Mode	-

* Picture performance Index

AUDIO

Sound power	2x10 W
Dolby	Dolby AC4, Dolby TrueHD
Sound Processing	Dolby Atmos, DTS Virtual-X, Virtualization & upmix
Equaliser	Presets
Speaker type	2.0 sound system
Audio quality by	-
Speakers	Full range down
Digital Pure Sound	-
Woofer	-
Auto volume control	Yes

SMART CONTENT

Processor	Quad Core
SmartTV	GoogleTV (29 languages)
Android OS	GoogleTV (ATV 12.0)
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
Internal memory	26.2GB / 25.2GB

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	59
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	RC833

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	2,2
USB	1 x 3.0
YPbPr	CVBS Optional
DVI-in (video)	-
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in b/g/n 2.4Ghz MIMO
Digital Audio Out	Optical
Headphone	-
RF in (IEC Terrestrial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / Unicable	Yes v.1.0 / ver. I
CI slot	1
HDMI eARC/ARC	eARC HDMI3
HDMI max resolution	2160P/60Hz 422 12bit
Power cable	Detachable, 1.5 m

GAMING EXPERIENCE

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

DESIGN

Color	Brushed titanium metal front
Vesa size	300 x 300 mm
Stand design	Y-shape

POWER

EEL class SDR / HDR	/
On mode power demand in SDR / HDR	NA
Auto power off	Yes
Power supply	NA
Standby mode power demand	NA
Networked standby mode power demand	- W
Peak luminance ratio	65%
Power rating	NA
Mercury content	0,0 mg
Lead presence	No

DIMENSIONS & WEIGHT

Product Size	1111 / 709 / 297 mm
Stand width & depth	857 / 297 mm
Product size w/o stand	1111 / 646 / 8-54-80 mm
Packaging size	1265 / 775 / 135 mm
Product / packaging	8,80 / 11,80 kg
Without stand	8,60 kg
EAN	5901292524463
Manual - languages number	30
Incl. 3D glasses	-