TCL

5 series

Premium Picture.
Endless Entertainment.

DOLBY VISION

4K HDR

WIDE COLOR

HDR DYNAMIC CONTRAST

Models: 513 / 517

Sizes Available

65"	55"
49"	43"

TCL's 5-Series marries superior 4K UHD picture quality with Dolby Vision HDR for a stellar imaging experience. The 5-Series' HDR Dynamic Contrast technology uses information embedded in the Dolby Vision content to optimize every scene for an accurate display of details in the bright and dark areas simultaneously, unlike other HDR formats that have a set brightness level for all content. The 5-Series models' iPQ Engine™ provides precise color replication while HDR Pro Gamma significantly improves HDR performance in any setting.
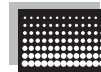
The 5-Series also comes packed with Natural Motion 240 technology for smooth action (55", 65" only), and Wide Color with NBP Photon™ technology for exceptional colors, brighter highlights, and increased contrast. The award-winning Roku TV smart platform providing seamless access to over 500,000 movies and TV shows through a simple, intuitive interface. An enhanced remote lets you use your voice to quickly find your favorite entertainment. Use voice control to find movie titles, launch or change channels, and even switch inputs.

Product Highlights

Dolby Vision HDR
Dolby Vision delivers superior 4K high dynamic range display performance

Wide Color Gamut
TCL's NBP Photon technology delivers an expanded color space for a more colorful and lifelike picture

HDR Dynamic Contrast
Advanced technology offers striking contrast for brighter whites and darker blacks

HDR Pro Gamma
Details remain visible in any environment – from the darkest home theater to the brightest sun-lit living rooms

iPQ Engine
Precision color performance tailored to deliver accurate color reproduction and optimized DCI-P3 color space coverage

Natural Motion 240
Delivers exceptionally smooth clarity during fast action scenes (55", 65" only).

TCL 5-SERIES - 513 / 517

Model	43S513/ 49S513 / 55S513 / 65S513; 43S517/ 49S517 / 55S517 / 65S517
Screen Class	43" / 49" / 55" / 65"
Viewable Display Size	42.5" / 48.5" / 54.6" / 64.8"
Description	Premium Picture 4K HDR LED TCL Roku TV
Wi-Fi	802.11ac 2x2 Dual Band (support 2.4GHz&5GHz)
Processor Type	CPU: Dual-core / GPU: Dual-core
DISPLAY	
Clear Motion Index	120Hz
Panel Resolution	3840 x 2160
Resolution	UHD
Display Colors	1.07 billion
Wide Color Standard	DCI-P3
High Dynamic Range Format	Dolby Vision, HDR10
FEATURES	
Advanced PQ Setting with Mobile App	Yes
Control Buttons	Power, 3-button
Multilingual On–Screen–Display	English, Spanish, French
Closed Caption	Yes
Parental control (V–Chip)	USA
Accessible Menu System (CVAA)	Yes
AUDIO	
Audio Power (Watts)	8W + 8W
Audio Passthrough	Dolby Digital +, Dolby Atmos
Dolby Processing	Dolby Digital

CONNECTED TV	
Smart Platform	Roku TV
SIGNAL FORMAT CAPABILITY	
Tuner Type	ATSC / NTSC / Clear QAM
CONNECTIONS—Inputs/Outputs	
AV input	Composite Video + L&R Audio In
RF Input (NTSC, ATSC)	1
Ethernet	1
USB	1 USB 2.0
HDMI	3 HDMI 2.0 w/HDCP 2.2 (1 HDMI ARC)
SPDIF Digital Audio Optical	1
Audio output Headphone	1
ENERGY INFORMATION	
Energy Guide	$16 / $19 / $21
Power Consumption	100W / 125W / 145W
Standby Power	<0.5W
ACCESSORIES (INCLUDED)	
Warranty Info / Quick Start Guide (QSG)	1 / 1 (English)
Remote Control	Roku TV RC580
Remote Control Battery	Two "AAA"
WARRANTY	
1 year limited warranty	

* All Product Specifications Are Subject to Change Without Notice.

PRODUCT & PACKAGE INFORMATION	43"	49"	55"	65"
Product Size (WxHxD) with stand	37.8" x 24" x 8.4"	43.1" x 27.1" x 10"	48.3" x 30" x 10.6"	57.2" x 35" x 11.6"
Product Size (WxHxD) without stand	37.8" x 22.1" x 2.9"	43.1" x 25" x 2.9"	48.3" x 28" x 3"	57.2" x 32.8" x 2.8"
Stand Separation Distance	27.3"	36.0"	37.3"	49.4"
Product Weight with stand (lbs)	18.8 lbs	26.5 lbs	33 lbs	49.2 lbs
Product Weight without stand (lbs)	18.5 lbs	25.8 lbs	32 lbs	48.3 lbs
Package Size (WxHxD) (inches)	45.1" x 26.2" x 5.2"	49.8" x 31.7" x 5.9"	55.1" x 34.4" x 5.9"	64.8" x 39.4" x 8.1"
Total Package Weight (lbs)	25.6 lbs	36.4 lbs	45.9 lbs	68.3 lbs
VESA MOUNTING SPECIFICATIONS				
VESA Hole Pattern	200mm (V) x 200mm (H)	200mm (V) x 200mm (H)	200mm (V) x 200mm (H)	400mm (V) x 200mm (H)
Screw Size	M6 x 12mm	M6 x 12mm	M6 x 12mm	M6 x 12mm
BASE STAND SPECIFICATIONS				
Screw Size	20mm	25mm	25mm	25mm

Already one of the world's best-selling consumer electronics brands, TCL is now the fastest-growing TV brand in North America. TCL was founded more than 35 years ago and prides itself on delivering high quality products featuring stylish design and the latest technology. With extensive manufacturing expertise, a vertically integrated supply chain, and state-of-the-art panel factory, TCL offers innovative televisions, including the award-winning TCL Roku TV.