

LED  
**50EP660**

**TCL**

**ULTRA  
HD**

**PPI 1200**  
Picture Performance index

**androidtv**

**DOLBY  
AUDIO**

**HDR**



## Specifications of 50EP660

**Resolution :** 3840x2160  
**Brightness (cd/m<sup>2</sup>):** 270  
**Dynamic contrast :** Mega

**Sound power:** 2x10 W

**Tuner :** DVB-T2/C/S2

**Digital connectors :** 3 x 2.0b  
**USB Multimedia Port (HD & SD Video, photo, music) :** 2 x 2.0

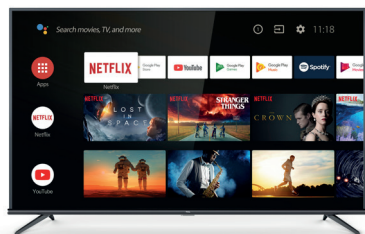
**DVB T2/C/S2**

**10bit  
panel**

**Bluetooth™**

**DOLBY  
DIGITAL PLUS**

**QuadCore**



Missing picture

## DISPLAY

|                                           |                    |
|-------------------------------------------|--------------------|
| Screen size (inches/cm)                   | 50 / 127           |
| Visible screen size : diagonal(inches/cm) | 50 / 126           |
| Panel resolution                          | UHD                |
| Wide color Technology                     | -                  |
| Brightness (cd/m²)                        | 270                |
| HDR (High Dynamic Range)                  | Yes                |
| HDR brightness                            | -                  |
| Picture Performance Index*                | 1200               |
| 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 Color Extender |
| Digital Noise Reduction                   | Yes                |
| Film Mode                                 | Yes                |

\* Picture performance Index

## AUDIO

|                     |                        |
|---------------------|------------------------|
| Sound power         | 2x10 W                 |
| Music sound power   | 2x20 W                 |
| Dolby               | Dolby AC4              |
| Sound Processing    | Dolby Audio processing |
| Equaliser           | Yes                    |
| Speaker type        | Down Firing            |
| Audio quality by    | -                      |
| Speakers            | Full range             |
| Digital Pure Sound  | -                      |
| 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 & more        |
| Applications           | Google Play Store & TV+        |
| Social                 | Yes                            |
| Web browser            | Yes                            |
| HbbTV                  | 2.0                            |
| Voice search           | Ready                          |
| Internal memory        | 16GB / 10 GB                   |

## 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  |
| Picture in Picture                 | -    |
| 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           | RC802N6 |

## 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 2.0b            |
| 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 b/g/n      |
| 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)*               | 0,21 W        |
| Power consumption (network standby)*       | 0,23 W        |
| Power consumption (on mode IEC62087 Ed.2)* | 71 W          |
| Annual power consumption (EU standard)*    | 104 kWh       |
| Peak luminance ratio                       | 78%           |
| Power consumption (maximum)*               | 120 W         |
| Mercury content                            | 0,0 mg        |
| Presence of Lead                           | Yes           |

\*estimation

## DIMENSIONS & WEIGHT

|                        |                             |
|------------------------|-----------------------------|
| Product Size           | 1121 / 711 / 251 mm         |
| Product size w/o stand | 1121 / 653 / 10-42-74-81 mm |
| Packaging size         | 1265 / 775 / 145 mm         |
| Product / packaging    | 10,40 / 13,80 kg            |
| Without stand          | 10,10 kg                    |
| EAN                    | 5901292512880               |
| Manual                 | 29                          |
| Incl. 3D glasses       | -                           |