



<https://eprel.ec.europa.eu/qr/228425>

Topas 65TY91-OLED twin R

Product data sheet

Category of electronic display: **Television-set**

Picture technology

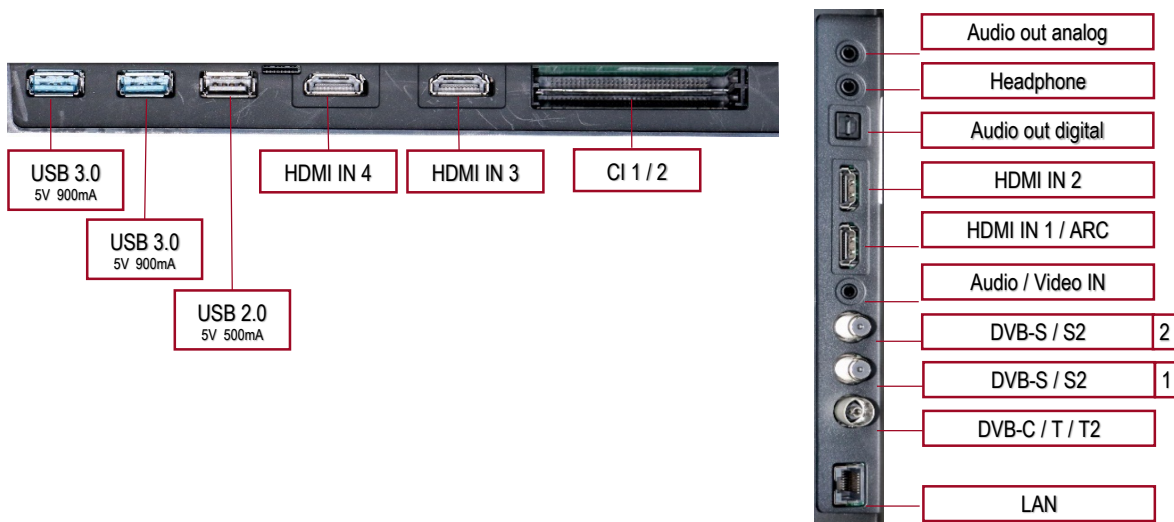
Display technology (local dimming zones)	OLED / n.v.
Aspect ratio	16 : 9
Resolution [px hor x px vert]	3840 x 2160 (10 Bit) UHD
Diagonal screen size [cm] / [inch]	164 / 65
Visible screen area [cm ²]	11474
HDR-Modes (* when available)	HDR10 / HLG
Picture technology index	2000 MetzVision
Display refresh rate [Hz]	100
Max. contrast ratio	2.500.000 : 1
Panel brightness max. [cd/m ²]	1000
Automatic brightness control ABC	yes
Viewing angle type (typical) [°]	180
Typical response time in ms (GTG)	1
HD-PIP	yes
Picture Modes (Profiles)	Eco / TV / Technicolor HDR / Sports / Games / PC-Monitor / Cinema / Foto / User

Sound technology

Music output power (watts)	2 x 30 + 30
Integrated speakers / Subwoofer	6 / 1
7-band Equalizer	yes
Dolby Digital Plus / HE-AAC	yes / yes
Audio output Line / variable	yes / yes
Separate headphone volume adjustment	yes
Automatic volume control (can be disabled)	yes
Audio-mode	MetzSoundPro
Bluetooth® with Qualcomm® low latency / Bluetooth® retrofittable	yes / no

Operation

Remote Control	RM19
Voice input sensor	no
Presence sensor	no
Harddisk recorder incl. Timeshift	1 TB
USB recording / USB Timeshift	yes / yes
Internet-Timer	yes
Power switch	yes
Sleep timer / Picture freeze / Child lock	yes / yes / yes
Status-display	OLED plain text display
Electronic programme guide (EPG)	yes
Tri-star menu incl. Hotelmode	yes
Top teletext / TT-comfort functions	yes / yes



Reception

Equipped with tuner ex works	2 x (T/-T2/-C/-SI/-S2/A)
HDTV / UHDTV integrated	yes / yes
HEVC (H.265)	yes
Number of CI+ compatible CI slots	2

Smart-TV (Media- / Network functions)

Operating system	Linux
Streaming (Server / Client)	yes (yes / yes)
WLAN (IEEE802.11 a/b/g/n/ac; 2,4 GHz + 5,0 GHz) / LAN	yes / 1GB
HbbTV	HbbTV 1.5
Internet radio (preinstalled)	Tuneln
Metz Remote App	yes
Smart TV portal / browser	Foxxum / yes

Connectivity

HDMI input with HDCP 2.2 (4K60/50p 4:4:4) / including CEC / and with ARC	4 / 4 / 1
USB 2.0 / USB 3.0	1 / 2
LAN network connection (RJ 45)	yes
S/PDIF digital audio output - optical / Audio output analog	yes / yes
Headphone socket	yes
Audio Video in (Cinch via adapter)	yes

Power consumption / Energy-efficiency

Mains voltage	230-240V~ 50Hz	
Power supply (power supply unit internal, external, standardized)	internal	
Power consumption on mode (SDR) (in delivery condition) [W]	146,0	[W = kWh / 1000 h]
Energy efficiency class on-mode (SDR) until 2021-02-28	A	(acc. 1062/2010/EU)
Energy efficiency class on-mode (SDR) from 2021-03-01	G	(acc. 2019/2013/EU)
Power consumption in use HDR [W]	170,0	(acc. 2019/2013/EU)
Energy efficiency class HDR	G	(acc. 2019/2013/EU)
Power consumption in networked standby mode [W]	0,60	
Power consumption in standby mode [W]	0,15	
Power consumption in off mode [W]	0,00	
Peak luminance ratio [%]	65,00	
Annual energy consumption [kWh]	203	(acc. 1062/2010/EU)

Dimensions / Weight

Width x Depth x Height with base [cm]	144,7 x 30 x 95,2
Width x Depth x Height without base [cm]	144,7 x 7,7 x 89,5
Weight with base / without base [kg]	31,7 / 27,2
Wallmount width x height [cm]	VESA 30 x 30

Other information

EAN	4057313010864	
Mercury content [mg]	0,0	
Device contains lead (within prescribed legal limits)	yes	
Guaranteed software and firmware updates until	31.12.2028	(acc. 2019/2021/EU)
Guaranteed availability of spare parts	31.12.2028	(acc. 2019/2021/EU)
Guaranteed product support until	31.12.2028	(acc. 2019/2021/EU)