

SAMSUNG



Q80T QLED 4K Smart TV (2020)

Feel every detail with precise picture quality & dynamic sound

Top Features

Direct Full Array

Detail comes to life with Direct Full Array, providing an exceptional range of brightness and black levels for superb contrast and striking detail, to help ensure you don't miss a thing.

Object Tracking Sound

Experience groundbreaking sound technology that follows objects on screen for an immersive sound experience. Dedicated up-firing speakers pull you closer to the action.

Ambient Mode+

Beautifully integrate your TV's screen to suit your tastes and interior décor with Samsung's Ambient Mode+. Display art, photos, time and weather or take a picture of the wall and set it on-screen, so your TV seamlessly blends in.*

* Ambient Mode+ performance may vary depending on where the TV is installed including wall designs, patterns or colours.

TV Size Specifications

	55"	65"	75"	85"
Product				
Product Category	QLED 4K	QLED 4K	QLED 4K	QLED 4K
Model Number	QA55Q80TAWXXY	QA65Q80TAWXXY	QA75Q80TAWXXY	QA85Q80TAWXXY
EAN/Barcode	8806090285462	8806090285479	8806090285486	8806090285493
Display				
Screen Size (In)	55	65	75	85
Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Eco Feature				
Energy Efficiency Class	2.5	2.5	3	4
Power				
Power Supply (Hz)	AC220-240V 50/60	AC220-240V 50/60	AC220-240V 50/60	AC220-240V 50/60
Power Consumption (Max) (W)	235	280	345	475
Power Consumption (Stand-by) (W)	0.5	0.5	0.5	0.5
Power Consumption (Energy Saving Mode)	N/A	N/A	N/A	N/A
Power Consumption (Typical) (W)	151	209	257	257
Peak Luminance Ratio	N/A	N/A	N/A	N/A
Yearly Power Consumption (EU standard) (kWh)	554	766	941	941
Dimensions				
Package Size (WxHxD) (mm)	1459 x 845 x 178	1621 x 965 x 214	1931 x 1115 x 214	2146 x 1245 x 260
Set Size with Stand (WxHxD) (mm)	1227.6 x 783.4 x 255.8	1446.5 x 905.7 x 289.1	1670.6 x 1036.2 x 316.8	1892.8 x 1163.1 x 338.8
Set Size without Stand (WxHxD) (mm)	1227.6 x 706.7 x 53.9	1446.5 x 829.8 x 53.9	1670.6 x 958.7 x 53.9	1892.8 x 1083.2 x 54.9
Stand (Basic) (WxD) (mm)	390.0 x 255.8	390.0 x 289.1	420.0 x 316.8	420.0 x 338.8
Stand (Minimum) (WxD) (mm)	N/A	N/A	N/A	N/A
Weight				
Package Weight (kg)	27.0 kg	36.7 kg	52.0	65.6
Set Weight with Stand (kg)	21.0 kg	27.8 kg	40.3	50.1
Set Weight without Stand (kg)	17.9 kg	24.1 kg	34.4	43.3

Video	Picture Engine		Quantum Processor 4K
	Motion Rate	Hz	200Hz
	HDR (High Dynamic Range)		HDR
	HDR 10+		Yes
	HLG (Hybrid Log Gamma)		Yes
	Contrast		Direct Full Array
	Colour		Quantum Dot Colour
	Dual LED		N/A
	Viewing Angle		Wide Viewing Angle
	Micro Dimming		Supreme UHD Dimming
	Local Dimming		Yes
	Contrast Enhancer		Yes
	Auto Motion Plus		Yes
	Film Mode		Yes
	Natural Mode Support		Yes
Audio	Dolby Digital Plus		Yes
	Dolby 5.1 Decoder		Yes
	Object Tracking Sound		Object Tracking Sound
	Q-Symphony		Yes
	Dialog Enhancement		Yes
	Sound Output (RMS)		60W
	Speaker Type		2.2.2CH
	Woofer		Yes
	Multiroom Link		Yes
Smart Service	Bluetooth Audio		Yes
	Samsung SMART TV		Smart
	Operating System		Tizen™
	Bixby		Yes
	Far-Field Voice Interaction		Yes
	Multi Voice Assistant		Yes
	Works with Google Assistant		Yes
	Works With Alexa		Yes
	Web Browser		Yes
	SmartThings App Support		Yes (requires Android 6.0† or iPhone 6 iOS 10.0†)
	SmartThings Dashboard		N/A
	Gallery		Yes

Convergence	TV to Mobile - Mirroring	Yes (requires Android 6.0↑)
	Mobile to TV - Mirroring, DLNA	Yes (requires Android 6.0↑ with Screen Cast capabilities)
	Tap View	Yes
	Multi-View	Yes
	Sound Wall	N/A
	Remote Access	Yes
	360 Video Player	Yes
	360 Camera Support	Yes
	Bluetooth Low Energy	Yes
	WiFi Direct	Yes
	TV Sound to Mobile	Yes
	Sound Mirroring	Yes
Tuner/Broadcasting	Digital Broadcasting	DVB-T(T2 Ready)
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	N/A
	Data Broadcasting	HbbTV1.5
	TV Key	Yes
Connectivity	HDMI	4
	USB	2
	Component In (Y/Pb/Pr)	N/A
	Composite In (AV)	1
	Ethernet (LAN)	Yes
	Audio Out (Mini Jack)	N/A
	Digital Audio Out (Optical)	1
	RF In (Terrestrial / Cable input / Satellite input)	1/1(Common Use for Terrestrial)/0
	HDMI A / Return Ch. Support	Yes
	eARC	Yes
	HDMI Quick Switch	Yes
	WiFi	Yes (WiFi5)
	Bluetooth	Yes (BT4.2)
	Anynet+ (HDMI-CEC)	Yes
Design	Design	Stylish Q
	Bezel Type	4 Bezel-less
	Slim Type	Slim look
	Front Color	CARBON SILVER
	Stand Type	FLOATING PLATE
	Stand Colour	TITAN BLACK

Additional Features	Adaptive Picture	Yes
	Active Voice Amplifier	Yes
	Adaptive Sound	Adaptive Sound+
	AI Streaming	N/A
	AI Upscale	Yes
	Ambient Mode	Ambient Mode+
	Brightness/Colour Detection	Brightness/Colour Detection
	Accessibility - Voice Guide	AU English, Mandarin Chinese, Korean, French, Italian, German, Spanish
	Accessibility - Learn TV Remote / Learn Menu Screen	AU English
	Accessibility - Others	Enlarge / High Contrast / Multi-output Audio / SeeColours / Colour Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Auto Detection for Sign Language Zoom Area / Show Closed Caption with Zooming Sign Language
	Digital Clean View	Yes
	Auto Channel Search	Yes
	Auto Power Off	Yes
	Caption (Subtitle)	Yes
	Connect Share™ (HDD)	Yes
	ConnectShare™ (USB 2.0)	Yes
	EPG	Yes
	Extended PVR	N/A
	Game Mode	Yes (Auto Game Mode (ALLM), Game Motion Plus), Dynamic Black EQ, Surround Sound, 4K@120Hz (HDMI Port 4)
	Freesync	FreeSync Premium
	G-SYNC	N/A
	OSD Language	Local Languages
	BT HID Built-in	Yes
	USB HID Support	Yes
	Teletext (TTX)	Yes
	IPv6 Support	Yes
	MBR Support	Yes
Eco Feature	Eco Sensor	Yes
Accessory	Remote Controller Model	TM2050C
	Batteries (for Remote Control)	Yes
	Samsung Smart Control (Included)	Yes
	Optional Stand Support (Y20 Studio)	Yes
	Mini Wall Mount Support	Yes
	Vesa Wall Mount Support	Yes
	User Manual	Yes
	E-Manual	Yes
	Power Cable	Yes
	Slim Gender Cable	Yes