

# SAMSUNG

## Q800T QLED 8K Smart TV (2020)

A viewing experience ready for today and tomorrow



65", 75", 82"

### Top Features

8K Resolution

Our newest generation 8K technology lets you truly immerse yourself in our clearest most detailed big screen picture ever.\* See it and you'll believe it.

8K AI Upscaling

QLED 8K AI Upscaling uses the power of machine learning to analyse and upscale your favourite content to 8K resolution, so you'll get the best out of your TV, regardless of the limited availability of native 8K content.\*

Object Tracking Sound +

Experience ground breaking sound technology that follows objects on screen. Dedicated up-firing and side-firing speakers create an immersive sound experience that puts you right in the middle of the action.\*\*

\* Native 8K content availability is very limited. Picture quality of upscaled content will vary depending on the quality and resolution of source content. \*\*Audio quality will depend on environmental characteristics, including room size and shape and ceiling design and height.

			65"	75"	82"
<b>Product</b>	Product Category		QLED	QLED	QLED
	Series		8	8	8
	Model Number		QA65Q800TAWXXY	QA75Q800TAWXXY	QA82Q800TAWXXY
<b>EAN</b>	EAN		8806090314407	8806090314636	8806090314704
<b>Display</b>	Screen Size	Inch	65"	75"	82"
	Resolution		7,680 x 4,320	7,680 x 4,320	7,680 x 4,320
	Ultra Black		Yes	Yes	Yes
<b>Video</b>	Picture Engine		Quantum Processor 8K	Quantum Processor 8K	Quantum Processor 8K
	Motion Rate	Hz	200Hz	200Hz	200Hz
	HDR (High Dynamic Range)		HDR	HDR	HDR
	HDR 10+		Yes	Yes	Yes
	Contrast		Direct Full Array Elite	Direct Full Array Elite	Direct Full Array Elite
	HLG (Hybrid Log Gamma)		Yes	Yes	Yes
	Colour		Quantum Dot Colour	Quantum Dot Colour	Quantum Dot Colour
	Dual LED		N/A	N/A	N/A
	Viewing Angle		Ultra Viewing Angle	Ultra Viewing Angle	Ultra Viewing Angle
	Micro Dimming		Ultimate 8K Dimming Pro	Ultimate 8K Dimming Pro	Ultimate 8K Dimming Pro
	Local Dimming		Yes	Yes	Yes
	Contrast Enhancer		Yes	Yes	Yes
	Auto Motion Plus		Yes	Yes	Yes
	Film Mode		Yes	Yes	Yes
	Natural Mode Support		Yes	Yes	Yes
<b>Audio</b>	Dolby Digital Plus		Yes	Yes	Yes
	Dolby 5.1 Decoder		Yes	Yes	Yes
	Object Tracking Sound		Object Tracking Sound +	Object Tracking Sound +	Object Tracking Sound +
	Samsung Symphony		Yes	Yes	Yes
	Dialog Enhancement		Yes	Yes	Yes
	Sound Output (RMS)		70W	70W	70W
	Speaker Type		4.2.2CH	4.2.2CH	4.2.2CH
	Woofer		Yes	Yes	Yes
	Multiroom Link		Yes	Yes	Yes
Bluetooth Audio		Yes	Yes	Yes	

		65"	75"	82"
<b>Smart Service</b>	Samsung SMART TV	Smart	Smart	Smart
	Operating System	Tizen™	Tizen™	Tizen™
	Bixby	Yes	Yes	Yes
	Far-Field Voice Interaction	Yes	Yes	Yes
	Multi Voice Assistant	Yes	Yes	Yes
	Works with Google Assistant	Yes	Yes	Yes
	Works With Alexa	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
	SmartThings App Support	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)
	SmartThings Dashboard	Yes	Yes	Yes
	Gallery	Yes	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	Yes (requires Android 6.0↑)	Yes (requires Android 6.0↑)	Yes (requires Android 6.0↑)
	Mobile to TV - Mirroring, DLNA	Yes (requires Android 6.0↑ with Screen Cast capabilities or iPhone iOS 11.4↑ with AirPlay 2 support)	Yes (requires Android 6.0↑ with Screen Cast capabilities or iPhone iOS 11.4↑ with AirPlay 2 support)	Yes (requires Android 6.0↑ with Screen Cast capabilities or iPhone iOS 11.4↑ with AirPlay 2 support)
	Tap View	Yes (requires Android 8.1↑ with Screen Cast capabilities)	Yes (requires Android 8.1↑ with Screen Cast capabilities)	Yes (requires Android 8.1↑ with Screen Cast capabilities)
	Multi-View	Yes (requires Android 6.0↑ with Screen Cast capabilities or iPhone iOS 11.4↑ with AirPlay 2 support)	Yes (requires Android 6.0↑ with Screen Cast capabilities or iPhone iOS 11.4↑ with AirPlay 2 support)	Yes (requires Android 6.0↑ with Screen Cast capabilities or iPhone iOS 11.4↑ with AirPlay 2 support)
	Sound Wall	N/A	N/A	N/A
	Remote Access	Yes (support and stability may vary by PC)	Yes (support and stability may vary by PC)	Yes (support and stability may vary by PC)
	360 Video Player	Yes	Yes	Yes
	360 Camera Support	Yes	Yes	Yes
	Bluetooth Low Energy	Yes	Yes	Yes
	WiFi Direct	Yes	Yes	Yes
	TV Sound to Mobile	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)
	Sound Mirroring	Yes	Yes	Yes
<b>Tuner/Broadcasting</b>	Digital Broadcasting	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)
	Analog Tuner	Yes	Yes	Yes
	2 Tuner	N/A	N/A	N/A
	CI (Common Interface)	N/A	N/A	N/A
	Data Broadcasting	HbbTV 1.5	HbbTV 1.5	HbbTV 1.5
<b>Connectivity</b>	HDMI	4	4	4
	USB	2	2	2
	Component In (Y/Pb/Pr)	N/A	N/A	N/A
	Composite In (AV)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)
	Ethernet (LAN)	Yes	Yes	Yes
	Audio Out (Mini Jack)	N/A	N/A	N/A
	Digital Audio Out (Optical)	1	1	1
	RF In (Terrestrial / Cable input / Satellite input)	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0
	HDMI A / Return Ch. Support	Yes	Yes	Yes
	eARC	Yes	Yes	Yes
	HDMI Quick Switch	Yes	Yes	Yes
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)
	Bluetooth	Yes (BT4.2)	Yes (BT4.2)	Yes (BT4.2)
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes

	65"	75"	82"
<b>Design</b>			
Design	Solid Q	Solid Q	Solid Q
Bezel Type	4 Bezel-less	4 Bezel-less	4 Bezel-less
Slim Type	Flat look	Flat look	Flat look
Front Colour	Eclipse Silver	Eclipse Silver	Eclipse Silver
Stand Type	Bending Plate	Bending Plate	Bending Plate
Stand Colour	Eclipse Silver	Eclipse Silver	Eclipse Silver
<b>Additional Feature</b>			
Adaptive Picture	Yes	Yes	Yes
Active Voice Amplifier	Yes	Yes	Yes
Adaptive Sound	Adaptive Sound+	Adaptive Sound+	Adaptive Sound+
AI Streaming	N/A	N/A	N/A
AI Upscale	Yes	Yes	Yes
Ambient Mode	Ambient Mode+	Ambient Mode+	Ambient Mode+
Brightness/Colour Detection	Brightness/Colour Detection	Brightness/Colour Detection	Brightness/Colour Detection
Accessibility - Voice Guide	AU English, Mandarin Chinese, Korean, French, Italian, German, Spanish	AU English, Mandarin Chinese, Korean, French, Italian, German, Spanish	AU English, Mandarin Chinese, Korean, French, Italian, German, Spanish
Accessibility - Learn TV Remote / Learn Menu Screen	AU English	AU English	AU English
Accessibility - Others	Enlarge / High Contrast / Multi-output Audio / SeeColors / Colour Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Auto Detection for Sign Language Zoom Area / Show Closed Caption with Zooming Sign Language	Enlarge / High Contrast / Multi-output Audio / SeeColors / Colour Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Auto Detection for Sign Language Zoom Area / Show Closed Caption with Zooming Sign Language	Enlarge / High Contrast / Multi-output Audio / SeeColors / 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	Yes	Yes
Auto Channel Search	Yes	Yes	Yes
Auto Power Off	Yes	Yes	Yes
Caption (Subtitle)	Yes	Yes	Yes
Connect Share™ (HDD)	Yes	Yes	Yes
ConnectShare™ (USB 2.0)	Yes	Yes	Yes
EPG	Yes	Yes	Yes
Extended PVR	Yes	Yes	Yes
Game Mode	Yes (Auto Game Mode (ALLM), Game Motion Plus, Dynamic Black EQ, Surround Sound, 4K@120Hz (HDMI Port 4))	Yes (Auto Game Mode (ALLM), Game Motion Plus, Dynamic Black EQ, Surround Sound, 4K@120Hz (HDMI Port 4))	Yes (Auto Game Mode (ALLM), Game Motion Plus, Dynamic Black EQ, Surround Sound, 4K@120Hz (HDMI Port 4))
Freesync	FreeSync Premium	FreeSync Premium	FreeSync Premium
G-SYNC	N/A	N/A	N/A
Filmmaker Mode (FMM)	Yes	Yes	Yes
OSD Language	Local Languages	Local Languages	Local Languages
BT HID Built-in	Yes	Yes	Yes
USB HID Support	Yes	Yes	Yes
Teletext (TTX)	Yes	Yes	Yes
Time Shift	Yes	Yes	Yes
IPv6 Support	Yes	Yes	Yes
MBR Support	Yes	Yes	Yes

			65"	75"	82"
<b>Eco Feature</b>	Eco Sensor		Yes	Yes	Yes
	Energy Efficiency Class		1	2	2.5
<b>Power</b>	Power Supply	Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Max)	W	465 W	540 W	540 W
	Power Consumption (Stand-by)	W	0.5 W	0.5 W	0.5 W
	Power Consumption (Energy Saving Mode)		N/A	N/A	N/A
	Power Consumption (Typical)	W	291 W	325.0 W	335 W
	Peak Luminance Ratio		N/A	N/A	N/A
	Yearly Power Consumption (EU standard)	kWh	1065 kWh	1164 kWh	1226 kWh
<b>Dimensions</b>	Package Size (WxHxD)	mm	1625.0 x 969.0 x 196.0 mm	1862.0 x 1116.0 x 198.0 mm	2073.0 x 1209.0 x 260.0 mm
	Set Size with Stand (WxHxD)	mm	1447.9 x 921.1 x 285.3 mm	1672.5 x 1054.3 x 317.5 mm	1830.2 x 1144.0 x 365.1 mm
	Set Size without Stand (WxHxD)	mm	1447.9 x 830.9 x 25.2 mm	1672.5 x 958.0 x 25.4 mm	1830.2 x 1049.5 x 25.7 mm
	Stand (Basic) (WxD)	mm	340.0 x 285.3 mm	390.0 x 317.5 mm	430.0 x 365.1 mm
	Stand (Minimum) (WxD)		340.0 x 285.3 mm	390.0 x 317.5 mm	430.0 x 365.1 mm
<b>Weight</b>	Package Weight	kg	39.4 kg	55.2 kg	69.2 kg
	Set Weight with Stand	kg	31.0 kg	43.8 kg	54.2 kg
	Set Weight without Stand	kg	24.0 kg	34.3 kg	41.5 kg
<b>Accessory</b>	Remote Controller Model		TM2090C	TM2090C	TM2090C
	Batteries (for Remote Control)		Yes	Yes	Yes
	Samsung Smart Control (Included)		Yes	Yes	Yes
	Slim Fit Wall-mount		N/A	N/A	N/A
	Optional Stand Support (Y20 Studio)		Yes	N/A	N/A
	15m One Clear Cable Support		N/A	N/A	N/A
	Mini Wall Mount Support		Yes	N/A	N/A
	Vesa Wall Mount Support		Yes	Yes	Yes
	User Manual		Yes	Yes	Yes
	E-Manual		Yes	Yes	Yes
	Power Cable		Yes	Yes	Yes
Slim Gender Cable		Yes	Yes	Yes	