

SAMSUNG

Q80T QLED 4K Smart TV (2020)

Feel every detail with precise picture quality & dynamic sound



55", 65", 75", 85"

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.

		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
Video	Picture Engine	Quantum Processor 4K	Quantum Processor 4K	Quantum Processor 4K	Quantum Processor 4K
	Motion Rate	200Hz	200Hz	200Hz	200Hz
	HDR (High Dynamic Range)	HDR	HDR	HDR	HDR
	HDR 10+	Yes	Yes	Yes	Yes
	HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes
	Contrast	Direct Full Array	Direct Full Array	Direct Full Array	Direct Full Array
	Colour	Quantum Dot Colour	Quantum Dot Colour	Quantum Dot Colour	Quantum Dot Colour
	Dual LED	N/A	N/A	N/A	N/A
	Viewing Angle	Wide Viewing Angle	Wide Viewing Angle	Wide Viewing Angle	Wide Viewing Angle
	Micro Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming
	Local Dimming	Yes	Yes	Yes	Yes
	Contrast Enhancer	Yes	Yes	Yes	Yes
	Auto Motion Plus	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
	Natural Mode Support	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes
	Dolby 5.1 Decoder	Yes	Yes	Yes	Yes
	Object Tracking Sound	Object Tracking Sound	Object Tracking Sound	Object Tracking Sound	Object Tracking Sound
	Q-Symphony	Yes	Yes	Yes	Yes
	Dialog Enhancement	Yes	Yes	Yes	Yes
	Sound Output (RMS)	60W	60W	60W	60W
	Speaker Type	2.2.2CH	2.2.2CH	2.2.2CH	2.2.2CH
	Woofers	Yes	Yes	Yes	Yes
	Multispeaker Link	Yes	Yes	Yes	Yes
Bluetooth Audio	Yes	Yes	Yes	Yes	

		55"	65"	75"	85"
Smart Service	Samsung SMART TV	Smart	Smart	Smart	Smart
	Operating System	Tizen™	Tizen™	Tizen™	Tizen™
	Bixby	Yes	Yes	Yes	Yes
	Far-Field Voice Interaction	Yes	Yes	Yes	Yes
	Multi Voice Assistant	Yes	Yes	Yes	Yes
	Works with Google Assistant	Yes	Yes	Yes	Yes
	Works With Alexa	Yes	Yes	Yes	Yes
	Web Browser	Yes	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↑)	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)
	SmartThings Dashboard	Yes	Yes	Yes	Yes
	Gallery	Yes	Yes	Yes	Yes
Convergence	TV to Mobile - Mirroring	Yes (requires Android 6.0↑)	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)	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)	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)	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	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)	Yes (support and stability may vary by PC)
	360 Video Player	Yes	Yes	Yes	Yes
	360 Camera Support	Yes	Yes	Yes	Yes
	Bluetooth Low Energy	Yes	Yes	Yes	Yes
	WiFi Direct	Yes	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↑)	Yes (requires Android 6.0↑ or iPhone iOS 10.0↑)
Sound Mirroring	Yes	Yes	Yes	Yes	
Tuner /Broadcasting	Digital Broadcasting	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)
	Analog Tuner	Yes	Yes	Yes	Yes
	2 Tuner	N/A	N/A	N/A	N/A
	CI (Common Interface)	N/A	N/A	N/A	N/A
	Data Broadcasting	HbbTV 1.5	HbbTV 1.5	HbbTV 1.5	HbbTV 1.5

		55"	65"	75"	85"
Connectivity	HDMI	4	4	4	4
	USB	2	2	2	2
	Component In (Y/Pb/Pr)	N/A	N/A	N/A	N/A
	Composite In (AV)	1	1	1	1 (Common Use for Component Y)
	Ethernet (LAN)	Yes	Yes	Yes	Yes
	Audio Out (Mini Jack)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	1	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	1/1(Common Use for Terrestrial)/0
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes
	eARC	Yes	Yes	Yes	Yes
	HDMI Quick Switch	Yes	Yes	Yes	Yes
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)
	Bluetooth	Yes (BT4.2)	Yes (BT4.2)	Yes (BT4.2)	Yes (BT4.2)
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
Design	Design	Stylish Q	Stylish Q	Stylish Q	Stylish Q
	Bezel Type	4 Bezel-less	4 Bezel-less	4 Bezel-less	4 Bezel-less
	Slim Type	Slim look	Slim look	Slim look	Slim look
	Front Colour	Carbon Silver	Carbon Silver	Carbon Silver	Carbon Silver
	Stand Type	Floating Plate	Floating Plate	Floating Plate	Floating Plate
	Stand Colour	Titan Black	Titan Black	Titan Black	Titan Black

	55"	65"	75"	85"
Additional Features				
Adaptive Picture	Yes	Yes	Yes	Yes
Active Voice Amplifier	Yes	Yes	Yes	Yes
Adaptive Sound	Adaptive Sound+	Adaptive Sound+	Adaptive Sound+	Adaptive Sound+
AI Streaming	N/A	N/A	N/A	N/A
AI Upscale	Yes	Yes	Yes	Yes
Ambient Mode	Ambient Mode+	Ambient Mode+	Ambient Mode+	Ambient Mode+
Brightness/Colour Detection	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	AU English, Mandarin Chinese, Korean, French, Italian, German, Spanish
Accessibility - Learn TV Remote / Learn Menu Screen	AU English	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	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	Yes
Auto Channel Search	Yes	Yes	Yes	Yes
Auto Power Off	Yes	Yes	Yes	Yes
Caption (Subtitle)	Yes	Yes	Yes	Yes
Connect Share™ (HDD)	Yes	Yes	Yes	Yes
ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
EPG	Yes	Yes	Yes	Yes
Extended PVR	Yes	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))	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	FreeSync Premium
G-SYNC	N/A	N/A	N/A	N/A
OSD Language	Local Languages	Local Languages	Local Languages	Local Languages
BT HID Built-in	Yes	Yes	Yes	Yes
USB HID Support	Yes	Yes	Yes	Yes
Teletext (TTX)	Yes	Yes	Yes	Yes
Time Shift	Yes	Yes	Yes	Yes
IPv6 Support	Yes	Yes	Yes	Yes
MBR Support	Yes	Yes	Yes	Yes

			55"	65"	75"	85"
Eco Features	Eco Sensor		Yes	Yes	Yes	Yes
	Energy Efficiency Class		2.5	2.5	3	4
Power	Power Supply	Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Max)	W	235 W	280 W	345 W	475 W
	Power Consumption (Stand-by)	W	0.5 W	0.5 W	0.5 W	0.5 W
	Power Consumption (Energy Saving Mode)		N/A	N/A	N/A	N/A
	Power Consumption (Typical)	W	151 W	209 W	257 W	257 W
	Peak Luminance Ratio		N/A	N/A	N/A	N/A
	Yearly Power Consumption (EU standard)	kWh	554 kWh	766 kWh	941 kWh	941 kWh
Dimension	Package Size (WxHxD)	mm	1459 x 845 x 178 mm	1621 x 965 x 214 mm	1931 x 1115 x 214 mm	2146 x 1245 x 260 mm
	Set Size with Stand (WxHxD)	mm	1227.6 x 783.4 x 255.8 mm	1446.5 x 905.7 x 289.1 mm	1670.6 x 1036.2 x 316.8 mm	1892.8 x 1163.1 x 338.8 mm
	Set Size without Stand (WxHxD)	mm	1227.6 x 706.7 x 53.9 mm	1446.5 x 829.8 x 53.9 mm	1670.6 x 958.7 x 53.9 mm	1892.8 x 1083.2 x 54.9 mm
	Stand (Basic) (WxD)	mm	390.0 x 255.8 mm	390.0 x 289.1 mm	420.0 x 316.8 mm	420.0 x 338.8 mm
	Stand (Minimum) (WxD)		N/A	N/A	N/A	N/A
Weight	Package Weight	kg	27.0 kg	36.7 kg	52.0 kg	65.6 kg
	Set Weight with Stand	kg	21.0 kg	27.8 kg	40.3 kg	50.1 kg
	Set Weight without Stand	kg	17.9 kg	24.1 kg	34.4 kg	43.3 kg
Accessory	Remote Controller Model		TM2050C	TM2050C	TM2050C	TM2050C
	Batteries (for Remote Control)		Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)		Yes	Yes	Yes	Yes
	Optional Stand Support (Y20 Studio)		Yes	Yes	N/A	N/A
	Mini Wall Mount Support		Yes	Yes	N/A	N/A
	Vesa Wall Mount Support		Yes	Yes	Yes	Yes
	User Manual		Yes	Yes	Yes	Yes
	E-Manual		Yes	Yes	Yes	Yes
	Power Cable		Yes	Yes	Yes	Yes
	Slim Gender Cable		Yes	Yes	Yes	Yes