

SAMSUNG

Q70T QLED 4K Smart TV (2020)

Experience the power of QLED



55" 65" 75"



85"

Top Features

Quantum Dot

Samsung QLED TV's Quantum Dot technology delivers a world of immersive colours and contrast in a variety of lighting conditions.

200Hz Motion Rate*

Keep up with fast-paced sports and action movies. Samsung's 200Hz Motion Rate helps you experience smooth, clear motion through the most dynamic scenes*.

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.ˆ

* Compared to Samsung QLED 4K Smart TV Q60T.

ˆ 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	QA55Q70TAWXXY	QA65Q70TAWXXY	QA75Q70TAWXXY	QA85Q70TAWXXY
EAN	EAN	8806090326028	8806090326035	8806090326042	8806090396533
Display	Screen Size	Inch 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	Hz 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	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Colour	Quantum Dot Colour	Quantum Dot Colour	Quantum Dot Colour	Quantum Dot Colour
	Dual LED	Yes	Yes	Yes	Yes
	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
	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
Object Tracking Sound		N/A	N/A	N/A	N/A
Q-Symphony		N/A	N/A	N/A	N/A
Dialog Enhancement		Yes	Yes	Yes	Yes
Sound Output (RMS)		20W	20W	20W	20W
Speaker Type		2CH	2CH	2CH	2CH
Multiroom Link		Yes	Yes	Yes	Yes
Bluetooth Audio		Yes	Yes	Yes	Yes
Smart Service	Samsung SMART TV	Smart	Yes	Smart	Smart
	Operating System	Tizen™	N/A	Tizen™	Tizen™
	Bixby	Yes	N/A	Yes	Yes
	Far-Field Voice Interaction	Yes	Yes	Yes	Yes
	Multi Voice Assistant	Yes	20W	Yes	Yes
	Works with Google Assistant	Yes	2CH	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

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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)
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
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
	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	New Bezel-less	New Bezel-less	New Bezel-less
Bezel Type		3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less
Slim Type		Slim look	Slim look	Slim look	Slim look
Front Colour		Black	Black	Black	Slate black
Stand Type		T-type centre low	T-type centre low	T-type centre low	Slim feet
Stand Colour		Eclipse silver	Eclipse silver	Eclipse silver	Eclipse silver

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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 / Negative Colours / 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 / Negative Colours / 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	
Eco Feature	Eco Sensor	Yes	Yes	Yes	Yes
	Energy Efficiency Class	4	5	4.5	5
Power	Power Supply	Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Max)	W	180 W	220 W	285 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	110 W	116.0 W	179 W
	Peak Luminance Ratio		N/A	N/A	N/A
	Yearly Power Consumption (EU standard)	kWh	405 kWh	426 kWh	656 kWh

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Dimension	Package Size (WxHxD)	mm	1412 x 846 x 168 mm	1621 x 963 x 186 mm	1855 x 1118 x 208 mm	2090 x 1247 x 260 mm
	Set Size with Stand (WxHxD)	mm	1230.1 x 788.8 x 264.1 mm	1449.6 x 911.9 x 307.2 mm	1675.4 x 1040.6 x 323.0 mm	1896.3 x 1186.4 x 392.1 mm
	Set Size without Stand (WxHxD)	mm	1230.1 x 705.9 x 57.4 mm	1449.6 x 829.3 x 57.6 mm	1675.4 x 959.6 x 60.4 mm	1896.3 x 1082.5 x 59.9 mm
	Stand (Basic) (WxD)	mm	732.0 x 264.1 mm	845 x 307.2 mm	919.6 x 323.0 mm	1721.6 x 392.1 mm
	Stand (Minimum) (WxD)		N/A	N/A	N/A	1351.6 x 392.1 mm
Weight	Package Weight	kg	25.1 kg	33.4 kg	50.7 kg	63.8 kg
	Set Weight with Stand	kg	19.2 kg	24.8 kg	39.5 kg	48.7 kg
	Set Weight without Stand	kg	17.2 kg	22.3 kg	36 kg	47.5 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