

SAMSUNG

Q70A QLED 4K Smart TV (2021)

Everlasting brilliance, colourful possibilities



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.

Motion Rate 200

See fast moving scenes with reduced blur and judder with Samsung Motion Rate 200*

AirSlim Design

The AirSlim design makes for one streamlined and stylish TV. With an incredibly thin profile and built-in cable management to reduce clutter, all eyes will be on the action.

Product	55"		65"		75"		85"	
	Product Category		QLED 4K	QLED 4K	QLED 4K	QLED 4K		
	Model Number		QA55Q70AAWXXY	QA65Q70AAWXXY	QA75Q70AAWXXY	QA85Q70AAWXXY		
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	200	200	200	200		
	HDR (High Dynamic Range)		Quantum HDR	Quantum HDR	Quantum HDR	Quantum HDR		
	HDR 10+		Yes	Yes	Yes	Yes		
	Contrast		Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast		
	HLG (Hybrid Log Gamma)		Yes	Yes	Yes	Yes		
	Colour		Quantum Dot	Quantum Dot	Quantum Dot	Quantum Dot		
	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	Yes	
Dolby 5.1 Decoder			N/A	N/A	N/A	N/A		
Object Tracking Sound			OTS Lite	OTS Lite	OTS Lite	OTS Lite		
Q-Symphony			Q-Symphony Lite	Q-Symphony Lite	Q-Symphony Lite	Q-Symphony Lite		
Dialog Enhancement			Yes	Yes	Yes	Yes		
Sound Output (RMS)			20W	20W	20W	20W		
Speaker Type			2CH	2CH	2CH	2CH		
Woofer			N/A	N/A	N/A	N/A		
Multiroom Link			Yes	Yes	Yes	Yes		
Bluetooth Audio			Yes	Yes	Yes	Yes		
Smart Service	Samsung SMART TV		Smart	Smart	Smart	Smart		
	Operating System		Tizen™	Tizen™	Tizen™	Tizen™		
	Bixby		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		
	TV Plus		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		N/A	N/A	N/A	N/A		
	Gallery		Yes	Yes	Yes	Yes		

		55"	65"	75"	85"
Convergence	TV to Mobile - Mirroring	N/A	Yes	Yes	Yes
	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)
	Digital Butler	Yes	Yes	Yes	Yes
	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)
	Music Wall	Yes	Yes	Yes	Yes
	Remote Access	Basic	Basic	Basic	Basic
	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
	Data Broadcasting	HbbTV 2.0.2	HbbTV 2.0.2	HbbTV 2.0.2	HbbTV 2.0.2
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)	1/0/0	1/0/0	1/0/0	1/0/0
	Ex-Link (RS-232C)	N/A	N/A	N/A	N/A
	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 Slim	Stylish Slim	Stylish Slim	Stylish Slim
	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	Titan Gray	Titan Gray	Titan Gray	Titan Gray
	Stand Type	Narrow Neck Plate	Narrow Neck Plate	Narrow Neck Plate	Narrow Neck Plate
	Stand Colour	Sand Black	Sand Black	Sand Black	Sand Black

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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 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, French, Spanish	AU English, French, Spanish	AU English, French, Spanish	AU English, French, Spanish
	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
	Freesync		FreeSync Premium Pro	FreeSync Premium Pro	FreeSync Premium Pro	FreeSync Premium Pro
	G-SYNC		N/A	N/A	N/A	N/A
	Filmmaker Mode (FMM)		Yes	Yes	Yes	Yes
	OSD Language		Local Languages	Local Languages	Local Languages	Local Languages
	Picture-In-Picture		N/A	N/A	N/A	N/A
	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	4	4.5	4.5
Power	Power Supply	Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Max)	W	205 W	245 W	320 W	355 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	112.0 W	148.0 W	170.0 W	220.0 W
	Peak Luminance Ratio		N/A	N/A	N/A	N/A
	Yearly Power Consumption (EU standard)	kWh	412 kWh	543 kWh	624 kWh	806 kWh

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Dimension	Package Size (WxHxD)	mm	1424 x 846 x 191 mm	1623 x 950 x 205 mm	1834 x 1144 x 222 mm	2075 x 1266 x 251 mm
	Set Size with Stand (WxHxD)	mm	1232.9 x 774.6 x 246.5 mm	1451.7 x 897.8 x 285.6 mm	1677.5 x 1025.9 x 320.6 mm	1901.7 x 1156.6 x 335.8 mm
	Set Size without Stand (WxHxD)	mm	1232.9 x 709.2 x 25.7 mm	1451.7 x 832.2 x 25.7 mm	1677.5 x 960.7 x 26.6 mm	1901.7 x 1086.5 x 26.9 mm
	Stand (Basic) (WxD)	mm	290 x 246.5 mm	320 x 285.6 mm	350 x 320.6 mm	380 x 335.8 mm
	Stand (Minimum) (WxD)		N/A	N/A	N/A	N/A
Weight	Package Weight	kg	24 kg	30.8 kg	51 kg	66 kg
	Set Weight with Stand	kg	18.80 kg	23.8 kg	40 kg	48.6 kg
	Set Weight without Stand	kg	15.5 kg	20.9 kg	32.1 kg	41.5 kg
Accessory	Remote Controller Model		TM2180E	TM2180E	TM2180E	TM2180E
	Batteries (for Remote Control)		N/A	N/A	N/A	N/A
	Samsung Smart Control (Included)		Yes	Yes	Yes	Yes
	Optional Stand Support (Y20 Studio)		Yes	Yes	N/A	N/A
	Optional One Clear Cable Support		N/A	N/A	N/A	N/A
	Vesa Wall Mount Support		Yes	Yes	Yes	Yes
	User Manual		Yes	Yes	Yes	Yes
	E-Manual		Yes	Yes	Yes	Yes
	ANT-Cable		N/A	N/A	N/A	N/A
	Power Cable		Yes	Yes	Yes	Yes
	HDMI Cable		N/A	N/A	N/A	N/A
	Slim Gender Cable		Yes	Yes	Yes	Yes