

QLED Q7F 4K Vision AI Smart TV (2025)

Experience intelligence and realism in 4K



55", 65", 75", 85"

Top Features

	Q4 AI Processor	This processor helps optimise your viewing and sound experience. Powerful 4K upscaling ensures you get up to 4K resolution for the content you love. ¹
	100% Colour Volume with Quantum Dot	Samsung's Quantum Dot technology delivers our finest picture. With 100% colour volume, Quantum Dot takes light and turns it into breathtaking colours that stay true at almost any level of brightness. ²
	Knox Security	Feel at ease with a multi-layered security solution, which helps to shield your data. Even Home IoT devices connected to your Samsung TV are secured. Regular updates further fortify your TV, helping to protect it from harmful attacks. ³
	Endless Free Content	Enjoy news, sports, movies, entertainment, music, kids' shows and more. With new content continuously added, there's always more to explore! ⁴

¹ Viewing experience may vary according to types of content and format. Upscaling may not apply to PC connection and Game Mode.
² Compared to 2024 Samsung Smart TV. Available on HDR content only. Colour volume testing is capable of producing results greater than 100%. Q-series models produce more than 100% colour volume when tested using the IDMS 1.03b standard and DCI-P3 colour space. Brightness tested at maximum luminance with 10% White Window in HDR. Testing verified by an independent third party.
³ Samsung Knox applies to Samsung TVs powered by Tizen, launched since 2015. Security software update is guaranteed for at least three years from TV product launch. Latest TV software update is required. Evaluated by IT Security and Certification Center, Republic of Korea (Feb 2023, 2024) using the Common Methodology for IT Security Evaluation, Version 3.1 R5 for conformance to the common criteria. Certification No: KECS-CISS-1291-2024.
⁴ Channel number counts including Samsung TV Plus and Plex (third-party app) are current as of January 2025. Internet connection and Samsung account required.

Product	Product Category	55"	65"	75"	85"
		QLED	QLED	QLED	QLED
	Model Number	QA55Q7FAAWXXY	QA65Q7FAAWXXY	QA75Q7FAAWXXY	QA85Q7FAAWXXY
Display	Screen Size	55"	65"	75"	85"
	Resolution	4K (3,840 x 2,160)	4K (3,840 x 2,160)	4K (3,840 x 2,160)	4K (3,840 x 2,160)
	Native Refresh Rate	50Hz	50Hz	50Hz	50Hz
	Anti Reflection	N/A	N/A	N/A	N/A
Video	Picture Engine	Q4 AI Processor	Q4 AI Processor	Q4 AI Processor	Q4 AI Processor
	HDR (High Dynamic Range)	Quantum HDR	Quantum HDR	Quantum HDR	Quantum HDR
	HDR 10+	Support	Support	Support	Support
	Auto HDR Remastering	N/A	N/A	N/A	N/A
	Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Viewing Angle	N/A	N/A	N/A	N/A
	Micro Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming
	Contrast Enhancer	Yes	Yes	Yes	Yes
	Smart Calibration	Basic	Basic	Basic	Basic
	Picture Upscale	4K Upscaling	4K Upscaling	4K Upscaling	4K Upscaling
	AI Motion Enhancer	N/A	N/A	N/A	N/A
	Supersize Picture Enhancer	N/A	N/A	N/A	N/A
	HDR Brightness Optimiser	Yes	Yes	Yes	Yes
	Colour Booster	Colour Booster Pro	Colour Booster Pro	Colour Booster Pro	Colour Booster Pro
	Filmmaker Mode	Yes	Yes	Yes	Yes
	EyeComfort Mode	N/A	N/A	N/A	N/A
Audio	Dolby Atmos	N/A	N/A	N/A	N/A
	Object Tracking Sound	OTS Lite	OTS Lite	OTS Lite	OTS Lite
	Q-Symphony	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH
	Active Voice Amplifier	N/A	N/A	N/A	N/A
	Adaptive Sound	Yes	Yes	Yes	Yes
	360 Audio	N/A	N/A	N/A	N/A

Smart Service	55"		65"		75"		85"		
	Operating System	Tizen™ Smart TV	Tizen™ Smart TV	Tizen™ Smart TV	Tizen™ Smart TV	Tizen™ Smart TV	Tizen™ Smart TV	Tizen™ Smart TV	
	Bixby	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Far-Field Voice Interaction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Built-in Voice Assistant	Alexa	Alexa	Alexa	Alexa	Alexa	Alexa	Alexa	
	Works with AI Speaker	Alexa, Google Assistant	Alexa, Google Assistant	Alexa, Google Assistant	Alexa, Google Assistant	Alexa, Google Assistant	Alexa, Google Assistant	Alexa, Google Assistant	
	Samsung TV Plus	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Web Browser	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Smart Feature	Multi Device Experience	Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support)		Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support)		Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support)		Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On (requires Android 6.0† with Screen Cast capabilities or iPhone iOS 11.4† with AirPlay 2 support)	
	Multi-View	Up to 2 videos		Up to 2 videos		Up to 2 videos		Up to 2 videos	
	Ambient Mode	N/A		N/A		N/A		N/A	
	ScreenVitals	N/A		N/A		N/A		N/A	
	Apple AirPlay 2	Yes		Yes		Yes		Yes	
	Daily+	Yes		Yes		Yes		Yes	
	Storage Share	Yes		Yes		Yes		Yes	
	Generative Wallpaper	Yes		Yes		Yes		Yes	
	Karaoke Mic	Yes		Yes		Yes		Yes	
Game Feature	Auto Game Mode (ALLM)	Yes		Yes		Yes		Yes	
	Game Motion Plus	Yes		Yes		Yes		Yes	
	VRR	N/A		N/A		N/A		N/A	
	Dynamic Black EQ	N/A		N/A		N/A		N/A	
	Surround Sound	N/A		N/A		N/A		N/A	
	Super Ultra Wide Game View	Yes		Yes		Yes		Yes	
	MiniMap Zoom	Yes		Yes		Yes		Yes	
	Hue Sync	Yes		Yes		Yes		Yes	
	FreeSync	N/A		N/A		N/A		N/A	
	HGiG	Yes		Yes		Yes		Yes	
	Gaming Hub	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)		Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)		Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)		Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)	
	AI Auto Game Mode	Yes		Yes		Yes		Yes	

Tuner/Broadcasting		55"	65"	75"	85"
		DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)
		Yes	Yes	Yes	Yes
		N/A	N/A	N/A	N/A
Connectivity	Wi-Fi	Yes (Wi-Fi 5)	Yes (Wi-Fi 5)	Yes (Wi-Fi 5)	Yes (Wi-Fi 5)
	Bluetooth	Yes (BT5.3)	Yes (BT5.3)	Yes (BT5.3)	Yes (BT5.3)
	HDMI	3	3	3	3
	HDMI Maximum Input Rate	4K 60Hz (for HDMI 1/2/3)	4K 60Hz (for HDMI 1/2/3)	4K 60Hz (for HDMI 1/2/3)	4K 60Hz (for HDMI 1/2/3)
	HDMI Audio Return Channel	eARC	eARC	eARC	eARC
	One Connect Box	N/A	N/A	N/A	N/A
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	USB	1 x USB-A	1 x USB-A	1 x USB-A	1 x USB-A
	POGO (SlimFit Cam Only)	N/A	N/A	N/A	N/A
	Ethernet (LAN)	1	1	1	1
	Audio Out (Mini Jack)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	N/A	N/A	N/A	N/A
	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
Design	Ex-Link (RS-232C)	N/A	N/A	N/A	N/A
	Design	Slim Look	Slim Look	Slim Look	Slim Look
	Bezel Type	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less
	Front Colour	BLACK	BLACK	BLACK	BLACK
	Stand Type	FLAT FEET NARROW	FLAT FEET NARROW	FLAT FEET NARROW	FLAT FEET NARROW
Additional Feature	Stand Colour	BLACK	BLACK	BLACK	BLACK
	Auto Rotation	N/A	N/A	N/A	N/A
	Art Mode	N/A	N/A	N/A	N/A
	Art Store	Yes	Yes	Yes	Yes
	Motion Detection	N/A	N/A	N/A	N/A
	Knox Vault	N/A	N/A	N/A	N/A
	Embedded POP	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Extended PVR	Yes	Yes	Yes	Yes
	IP Control	Yes	Yes	Yes	Yes
	OSD Language	Local Languages	Local Languages	Local Languages	Local Languages

		55"	65"	75"	85"
Accessibility	Voice Guide	Chinese (China), English (Australia), French (France), German (Germany), Italian (Italy), Korean (Korea), Malay (Malaysia), Spanish (Spain)	Chinese (China), English (Australia), French (France), German (Germany), Italian (Italy), Korean (Korea), Malay (Malaysia), Spanish (Spain)	Chinese (China), English (Australia), French (France), German (Germany), Italian (Italy), Korean (Korea), Malay (Malaysia), Spanish (Spain)	Chinese (China), English (Australia), French (France), German (Germany), Italian (Italy), Korean (Korea), Malay (Malaysia), Spanish (Spain)
	Low Vision Support	Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Auto Picture Off	Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Auto Picture Off	Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Auto Picture Off	Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Auto Picture Off
	Hearing Impaired Support	Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom	Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom	Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom	Closed Caption (Subtitle), Multi-output Audio, Sign Language Zoom
	Motor Impaired Support	Slow Button Repeat, Remote Control App. for All	Slow Button Repeat, Remote Control App. for All	Slow Button Repeat, Remote Control App. for All	Slow Button Repeat, Remote Control App. for All
Power & Eco Solution	Power Consumption (Max)	130 W	180 W	220 W	275 W
	Power Supply	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz
	Power Consumption (Stand-by)	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)	84.0 W	117.0 W	143.0 W	187.0 W
	Yearly Power Consumption (EU standard)	310 kWh	430 kWh	525 kWh	686 kWh
	Eco Sensor	Yes	Yes	Yes	Yes
	Auto Power Saving	Yes	Yes	Yes	Yes
	Energy Efficiency Class	5	5	5.5	5.5
	Auto Power Off	Yes	Yes	Yes	Yes
Dimension	Package Size (WxHxD)	1369 x 819 x 127 mm	1590 x 932 x 148 mm	1822 x 1100 x 160 mm	2075 x 1200 x 171 mm
	Set Size with Stand (WxHxD)	1234.1 x 758 x 237 mm	1452.9 x 879.5 x 267.4 mm	1677.5 x 1006.3 x 325 mm	1901.2 x 1132.3 x 359 mm
	Set Size without Stand (WxHxD)	1234.1 x 710.8 x 60.3 mm	1452.9 x 834 x 60.6 mm	1677.5 x 962.4 x 61.1 mm	1901.2 x 1088.4 x 61.4 mm
	Stand (Basic) (WxD)	824.6 x 237 mm	1025.5 x 267.4 mm	1253.6 x 325 mm	1415.3 x 359 mm
	Stand (Minimum) (WxD)	253.2 x 237 mm	303.9 x 267.4 mm	346.6 x 325 mm	367.3 x 359 mm
	VESA Spec	200 x 200 mm	400 x 300 mm	400 x 400 mm	600 x 400 mm
Weight	Package Weight	15.7 kg	23.8 kg	32 kg	45.5 kg
	Set Weight with Stand	11.1 kg	17.1 kg	25.8 kg	33.1 kg
	Set Weight without Stand	10.8 kg	16.7 kg	25.3 kg	32.5 kg
Accessory	Remote Controller Model	TM2360E	TM2360E	TM2360E	TM2360E
	Slim Fit Wall-mount Support	Yes	Yes	Yes	Yes
	Studio Stand Support	Yes	Yes	N/A	N/A
	Auto-Rotation Accessory Support	N/A	N/A	N/A	N/A
	Full Motion Slim Wall Mount Support (Y22)	Yes	Yes	Yes	Yes
	SlimFit Cam Support	Yes	Yes	Yes	Yes
	Zigbee / Thread Module	Dongle Support	Dongle Support	Dongle Support	Dongle Support
	User Manual	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes