

SAMSUNG

CU8000 – Crystal UHD 4K Smart TV (2023)

The crystal clear choice



43", 50", 55", 65", 75", 85"

Top Features

- Dynamic Crystal Colour** Dynamic Crystal Colour uses advanced phosphor technology to deliver over one billion shades of colour that are as rich and wonderful as nature itself.¹
- 4K Crystal UHD Resolution** Bring to life your favourite characters in beautiful detail with 4 times the pixels of Full HD. Life-like colour and contrast will reveal cinematic content subtly – even in dark scenes.
- AirSlim Design** The AirSlim Design makes for one sleek and stylish TV. With an incredibly thin profile and built-in cable management to help reduce clutter, all eyes will be on the action.
- Smart Hub** Go beyond Smart TV with Samsung's legendary Tizen OS. Optimise content curation and discovery, so you spend less time searching and more time streaming the movies, games and shows you love. ²

¹ Picture quality will vary depending on quality and resolution of source content.
² Internet connection and Samsung Account required. Data and subscription charges may apply. Apps and UI may be subject to change without notice. Agreement of the Smart Hub Terms and Conditions and Privacy Policy is required before use. Some services are available to watch after registration and subscription.

		43"	50"	55"	65"	75"	85"
Product	Product Category	LED	LED	LED	LED	LED	LED
	Model Number	UA43CU8000WXXY	UA50CU8000WXXY	UA55CU8000WXXY	UA65CU8000WXXY	UA75CU8000WXXY	UA85CU8000WXXY
Display	Screen Size	43"	50"	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	3,840 x 2,160	3,840 x 2,160
	Motion Rate	100	100	100	100	100	200
Video	Picture Engine	Crystal Processor 4K	Crystal Processor 4K	Crystal Processor 4K	Crystal Processor 4K	Crystal Processor 4K	Crystal Processor 4K
	One Billion Colours	Yes	Yes	Yes	Yes	Yes	Yes
	HDR (High Dynamic Range)	HDR	HDR	HDR	HDR	HDR	HDR
	HDR 10+	Support	Support	Support	Support	Support	Support
	HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes	Yes	Yes
	Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Wide Viewing Angle	N/A	N/A	N/A	N/A	N/A	Wide Viewing Angle
	Colour	Dynamic Crystal Colour	Dynamic Crystal Colour	Dynamic Crystal Colour	Dynamic Crystal Colour	Dynamic Crystal Colour	Dynamic Crystal Colour
	Micro Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming
	Contrast Enhancer	Yes	Yes	Yes	Yes	Yes	Yes
	Picture Clarity	Yes	Yes	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes	Yes	Yes
	Expert Calibration	N/A	N/A	N/A	N/A	N/A	N/A
	Smart Calibration	N/A	N/A	N/A	N/A	N/A	N/A
	AI Upscale	N/A	N/A	N/A	N/A	N/A	N/A
	Filmmaker Mode	Yes	Yes	Yes	Yes	Yes	Yes
Brightness/Colour Detection	Brightness Detection	Brightness Detection	Brightness Detection	Brightness Detection	Brightness Detection	Brightness Detection	
Audio	Dolby Atmos	N/A	N/A	N/A	N/A	N/A	N/A
	Object Tracking Sound	OTS Lite	OTS Lite	OTS Lite	OTS Lite	OTS Lite	OTS Lite
	Q-Symphony	Yes	Yes	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W	20W	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH	2CH	2CH
	Woofer	N/A	N/A	N/A	N/A	N/A	N/A
	Multiroom Link	Yes	Yes	Yes	Yes	Yes	Yes
	Bluetooth Audio	Yes	Yes	Yes	Yes	Yes	Yes
	Active Voice Amplifier	N/A	N/A	N/A	N/A	N/A	N/A
	Adaptive Sound	Adaptive Sound	Adaptive Sound	Adaptive Sound	Adaptive Sound	Adaptive Sound	Adaptive Sound
	Dual Audio Support (Bluetooth)	Yes	Yes	Yes	Yes	Yes	Yes
Buds Auto Switch	Yes	Yes	Yes	Yes	Yes	Yes	
Smart Service	Operating System	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
	Far-Field Voice Interaction	N/A	N/A	N/A	N/A	N/A	N/A
	Built-in Voice Assistant	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
	Samsung TV Plus	Yes	Yes	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes	Yes	Yes
	SmartThings Hub / Matter Hub / IoT-Sensor Functionality	Yes	Yes	Yes	Yes	Yes	Yes
	Media Home	Yes	Yes	Yes	Yes	Yes	N/A

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Smart Feature	Multi Device Experience	Mobile to TV, TV Sound to Mobile, Sound Mirroring, Wireless TV On	Mobile to TV, TV Sound to Mobile, Sound Mirroring, Wireless TV On	Mobile to TV, TV Sound to Mobile, Sound Mirroring, Wireless TV On	Mobile to TV, TV Sound to Mobile, Sound Mirroring, Wireless TV On	Mobile to TV, TV Sound to Mobile, Sound Mirroring, Wireless TV On	Mobile to TV, TV Sound to Mobile, Sound Mirroring, Wireless TV On
	NFC on TV	N/A	N/A	N/A	N/A	N/A	N/A
	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)	Yes (requires Android 8.1+ with Screen Cast capabilities)	Yes (requires Android 8.1+ with Screen Cast capabilities)
	Multi-View	N/A	N/A	N/A	N/A	N/A	N/A
	Music Wall	N/A	N/A	N/A	N/A	N/A	N/A
	Mobile Camera Support	Yes	Yes	Yes	Yes	Yes	Yes
	Easy Setup	Yes	Yes	Yes	Yes	Yes	Yes
	App Casting	Yes	Yes	Yes	Yes	Yes	Yes
	Ambient Mode	N/A	N/A	N/A	N/A	N/A	N/A
	Wireless Dex	Yes	Yes	Yes	Yes	Yes	Yes
Web Service	Microsoft 365	Microsoft 365	Microsoft 365	Microsoft 365	Microsoft 365	Microsoft 365	
NFT	Nifty Gateway	Nifty Gateway	Nifty Gateway	Nifty Gateway	Nifty Gateway	Nifty Gateway	
Game Feature	Auto Game Mode (ALLM)	Yes	Yes	Yes	Yes	Yes	Yes
	Game Motion Plus	N/A	N/A	N/A	N/A	N/A	Yes
	Dynamic Black EQ	N/A	N/A	N/A	N/A	N/A	Yes
	Surround Sound	N/A	N/A	N/A	N/A	N/A	N/A
	Super Ultra Wide Game View	N/A	N/A	N/A	N/A	N/A	Yes
	MiniMap Zoom	N/A	N/A	N/A	N/A	N/A	Yes
	Light-sync	N/A	N/A	N/A	N/A	N/A	N/A
	Freesync	N/A	N/A	N/A	N/A	N/A	FreeSync Premium
	HGiG	Yes	Yes	Yes	Yes	Yes	Yes
Gaming Hub	Yes	Yes	Yes	Yes	Yes	Yes	
Tuner/Broadcasting	Digital Broadcasting	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)
	Analog Tuner	Yes	Yes	Yes	Yes	Yes	Yes
	CI (Common Interface)	N/A	N/A	N/A	N/A	N/A	N/A
Connectivity	HDMI	3	3	3	3	3	3 (4K 120Hz for HDMI 1/2/3)
	USB	2	2	2	2	2	2
	USB-C (Camera Only)	N/A	N/A	N/A	N/A	N/A	N/A
	POGO (SlimFit Cam Only)	N/A	N/A	N/A	N/A	N/A	N/A
	Component In (Y/Pb/Pr)	N/A	N/A	N/A	N/A	N/A	N/A
	Ethernet (LAN)	1	1	1	1	1	1
	Audio Out (Mini Jack)	N/A	N/A	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	1	1	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	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0
	Ex-Link (RS-232C)	N/A	N/A	N/A	N/A	N/A	N/A
	HDMI Audio Return Channel	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)
	Bluetooth	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)
Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes	Yes	

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Design	Design	AirSlim	AirSlim	AirSlim	AirSlim	AirSlim	AirSlim
	Bezel Type	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less
	Slim Type	Slim look	Slim look	Slim look	Slim look	Slim look	Slim look
	Front Colour	TITAN GRAY	TITAN GRAY	TITAN GRAY	TITAN GRAY	TITAN GRAY	TITAN GRAY
	Stand Type	FLAT LIFT	FLAT LIFT	FLAT LIFT	FLAT LIFT	FLAT LIFT	FLAT LIFT
	Stand Colour	TITAN GRAY	TITAN GRAY	TITAN GRAY	TITAN GRAY	TITAN GRAY	BLACK
Additional Feature	Auto Rotation	N/A	N/A	N/A	N/A	N/A	N/A
	9:16 Screen Support	N/A	N/A	N/A	N/A	N/A	N/A
	Knox Vault	N/A	N/A	N/A	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes	Yes
	ConnectShare™	Yes	Yes	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes	Yes	Yes
	Extended PVR	N/A	N/A	N/A	N/A	N/A	N/A
	OSD Language	Local Languages	Local Languages	Local Languages	Local Languages	Local Languages	Local Languages
	Picture-In-Picture	N/A	N/A	N/A	N/A	N/A	N/A
	Teletext (TTX)	Yes	Yes	Yes	Yes	Yes	Yes
	Time Shift	N/A	N/A	N/A	N/A	N/A	N/A
	One Connect Box	N/A	N/A	N/A	N/A	N/A	N/A
	V-Chip	N/A	N/A	N/A	N/A	N/A	N/A
	MBR Support	Yes	Yes	Yes	Yes	Yes	Yes
Accessibility	Voice Guide	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish, Malay
	Learn TV Remote / Learn Menu Screen	UK English, French, Spanish	UK English, French, Spanish	UK English, French, Spanish	UK English, French, Spanish	UK English, French, Spanish	UK English, French, Spanish
	Low Vision Support	Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off	Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off	Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off	Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off	Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off	Zoom Menu and Text, High Contrast, SeeColors, Colour Inversion, Grayscale, Picture Off
	Hearing Impaired Support	Multi-output Audio, Sign Language Zoom	Multi-output Audio, Sign Language Zoom	Multi-output Audio, Sign Language Zoom	Multi-output Audio, Sign Language Zoom	Multi-output Audio, Sign Language Zoom	Multi-output Audio, Sign Language Zoom
	Motor Impaired Support	Slow Button Repeat	Slow Button Repeat	Slow Button Repeat	Slow Button Repeat	Slow Button Repeat	Slow Button Repeat
Power & Eco Solution	Power Supply	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz	AC220-240V~ 50/60Hz
	Power Consumption (Max)	130 W	140 W	160 W	205 W	255 W	310 W
	Power Consumption (Stand-by)	0.5 W	0.5 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	N/A	N/A
	Power Consumption (Typical)	70.0 W	89.0 W	98.0 W	123.0 W	165.0 W	198.0 W
	Yearly Power Consumption (EU standard)	259 kWh	328 kWh	361 kWh	452 kWh	605 kWh	726 kWh
	Eco Sensor	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Power Saving	Yes	Yes	Yes	Yes	Yes	Yes
	Energy Efficiency Class	4	4	4.5	5	5	5
	Auto Power Off	Yes	Yes	Yes	Yes	Yes	Yes

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Dimension	Package Size (WxHxD)	1093 x 667 x 126 mm	1246 x 761 x 131 mm	1399 x 846 x 148 mm	1612 x 950 x 164 mm	1834 x 1110 x 190 mm	2075 x 1237 x 220 mm
	Set Size with Stand (WxHxD)	965.5 x 600.1 x 195.1 mm	1118.3 x 684.6 x 226.3 mm	1232.1 x 748.8 x 226.3 mm	1450.9 x 874.3 x 279.4 mm	1676.7 x 1003.4 x 331.9 mm	1900.9 x 1131.5 x 394.7 mm
	Set Size without Stand (WxHxD)	965.5 x 559.8 x 25.7 mm	1118.3 x 644.6 x 25.7 mm	1232.1 x 708.8 x 25.7 mm	1450.9 x 831.9 x 25.7 mm	1676.7 x 960.3 x 26.6 mm	1900.9 x 1086.1 x 26.9 mm
	Stand (Basic) (WxD)	681.9 x 195.1 mm	763.6 x 226.3 mm	903.6 x 226.3 mm	1085.5 x 279.4 mm	1266.8 x 331.9 mm	1428.6 x 394.7 mm
	Stand (Minimum) (WxD)	N/A	N/A	N/A	N/A	1046.7 x 331.9 mm	1130 x 394.7 mm
	VESA Spec	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 300 mm	400 x 400 mm	600 x 400 mm
Weight	Package Weight	11.6 kg	15.9 kg	22.0 kg	28.4 kg	42.3 kg	56.3 kg
	Set Weight with Stand	8.7 kg	11.8 kg	15.8 kg	21.4 kg	32 kg	43.5 kg
	Set Weight without Stand	8.4 kg	11.5 kg	15.5 kg	20.9 kg	31.4 kg	41.5 kg
Accessory	Remote Controller Model	TM2360E	TM2360E	TM2360E	TM2360E	TM2360E	TM2360E
	Batteries (for Remote Control)	N/A	N/A	N/A	N/A	N/A	N/A
	Slim Fit Wall-mount Support	Yes	Yes	Yes	Yes	Yes	Yes
	Studio Stand Support	N/A	Yes	Yes	Yes	N/A	N/A
	Optional One Connect Cable Support	N/A	N/A	N/A	N/A	N/A	N/A
	Vesa Wall Mount Support	Yes	Yes	Yes	Yes	Yes	Yes
	Auto-Rotation Accessory Support	N/A	N/A	N/A	N/A	N/A	N/A
	Full Motion Slim Wall Mount Support (Y22)	Yes	Yes	Yes	Yes	Yes	Yes
	SlimFit Cam Support	Yes	Yes	Yes	Yes	Yes	Yes
	Zigbee / Thread Module	Dongle Support	Dongle Support	Dongle Support	Dongle Support	Dongle Support	Dongle Support
	User Manual	Yes	Yes	Yes	Yes	Yes	Yes
	E-Manual	Yes	Yes	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes	Yes	Yes