

SAMSUNG

QN900B Neo QLED 8K Smart TV (2022)

Greatness never ends, but evolves with 8K



65", 75", 85"

Top Features

Quantum Matrix Technology Pro

Take a giant leap towards a truly epic viewing experience. You'll experience exceptional blacks, next-level incredible detail, and superior brightness and contrast¹, for colour that appears to burst from the screen.

Quantum HDR 64x

Quantum HDR 64x sets a new standard and helps reveal what you might have missed in particularly dark or light scenes, making them pop with vivid, breathtaking colour (75"/85" only).²

Infinity Display

The ultra-slim frame has pushed the picture right to the edge so there's virtually no bezel or border; just pure, ultra-high definition entertainment.

Wireless True Dolby Atmos

Lose yourself in the breathtaking realism of cinematic sound, right in your own home. Your Samsung TV features inbuilt up firing speakers and Wireless True Dolby Atmos support to deliver larger-than-life audio experiences.³

¹ Compared to Neo QLED QN90B.

² The Range of Quantum HDR claims luminance based on internal testing standards and is subject to change according to viewing environment or specific conditions. Quantum HDR 64x only applies to 75" and 85". 65" features Quantum HDR 48x only.

³ Source content must be Dolby Atmos® enabled for Dolby Atmos® playback. Samsung define "True Dolby Atmos" as featuring an upwards-firing directional speaker for three dimensional sound. Wireless Dolby Atmos compatible only for selected Samsung soundbars.

		65"	75"	85"
Smart Feature	TV to Mobile - Mirroring	Yes (requires Android 6.0↑ or iPhone iOS 11.4↑ with Screen Cast capabilities & Smartthings App)	Yes (requires Android 6.0↑ or iPhone iOS 11.4↑ with Screen Cast capabilities & Smartthings App)	Yes (requires Android 6.0↑ or iPhone iOS 11.4↑ with Screen Cast capabilities & Smartthings App)
	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)
	TV Initiate Mirroring	Yes	Yes	Yes
	NFC on TV	N/A	N/A	N/A
	Video Communication	Google Duo	Google Duo	Google Duo
	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)
	Multi-View	upto 4 videos	upto 4 videos	upto 4 videos
	Music Wall	Yes	Yes	Yes
	Mobile Camera Support	Yes	Yes	Yes
	360 Video Player	Yes	Yes	Yes
	360 Camera Support	Yes	Yes	Yes
	Bluetooth Low Energy	Yes	Yes	Yes
	WiFi Direct	Yes	Yes	Yes
	TV Sound to Mobile	Yes (requires Android 6.0↑ with or iPhone iOS 11.4↑ with Smartthings App Support)	Yes (requires Android 6.0↑ with or iPhone iOS 11.4↑ with Smartthings App Support)	Yes (requires Android 6.0↑ with or iPhone iOS 11.4↑ with Smartthings App Support)
	Sound Mirroring	Yes	Yes	Yes
Ambient Mode	Ambient Mode+	Ambient Mode+	Ambient Mode+	
Wireless Dex	Yes (Requires Samsung S10 and higher)	Yes (Requires Samsung S10 and higher)	Yes (Requires Samsung S10 and higher)	
Web Service	Microsoft 365 (Subscription required)	Microsoft 365 (Subscription required)	Microsoft 365 (Subscription required)	
Localization	Tune Station	N/A	N/A	N/A
	Auto Hotspot Connect	N/A	N/A	N/A
	S-Share	N/A	N/A	N/A
	Auto Data Backup	N/A	N/A	N/A
	Dongle Compatibility (3G / LTE / WiFi)	N/A	N/A	N/A
	Analog Clean View	Yes	Yes	Yes
	Triple Protection	N/A	N/A	N/A
Game Feature	Auto Game Mode (ALLM)	Yes	Yes	Yes
	Game Motion Plus	Yes	Yes	Yes
	Dynamic Black EQ	Yes	Yes	Yes
	Surround Sound	Yes	Yes	Yes
	Super Ultra Wide Game View	Yes	Yes	Yes
	Freesync	FreeSync Premium Pro	FreeSync Premium Pro	FreeSync Premium Pro
Tuner/Broadcasting	Digital Broadcasting	DVB-T(T2 Ready)	DVB-T(T2 Ready)	DVB-T(T2 Ready)
	Analog Tuner	Yes	Yes	Yes
	2 Tuner	N/A	N/A	N/A
	CI (Common Interface)	N/A	N/A	N/A
	Data Broadcasting	HbbTV 2.0.1	HbbTV 2.0.1	HbbTV 2.0.1
	TV Key	Yes	Yes	Yes
Connectivity	HDMI	4	4	4
	USB	3	3	3
	Component In (Y/Pb/Pr)	N/A	N/A	N/A
	Composite In (AV)	N/A	N/A	N/A
	Ethernet (LAN)	Yes	Yes	Yes
	Audio Out (Mini Jack)	N/A	N/A	N/A
	Digital Audio Out (Optical)	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
	Ex-Link (RS-232C)	N/A	N/A	N/A
	CI Slot	N/A	N/A	N/A
	HDMI A / Return Ch. Support	Yes	Yes	Yes
	eARC	Yes (HDMI 3)	Yes (HDMI 3)	Yes (HDMI 3)
	HDMI Quick Switch	Yes	Yes	Yes
	WiFi	Yes (WiFi6)	Yes (WiFi6)	Yes (WiFi6)
	Bluetooth	Yes (BT5.2)	Yes (BT5.2)	Yes (BT5.2)
Anynet+ (HDMI-CEC)	Yes	Yes	Yes	

	65"	75"	85"	
Design	Design	Infinity One	Infinity One	Infinity One
	Bezel Type	Zero Bezel	Zero Bezel	Zero Bezel
	Slim Type	Ultra Slim	Ultra Slim	Ultra Slim
	Front Color	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
	Speaker Jersey Color	N/A	N/A	N/A
	Light Effect (Deco)	N/A	N/A	N/A
	Stand Type	CONNECTED STAND	CONNECTED STAND	CONNECTED STAND
	Stand Color	BRIGHT SILVER	BRIGHT SILVER	BRIGHT SILVER
Additional Feature	Auto Rotation	Yes (requires compatible Auto Rotating Accessory mount, sold separately)	N/A	N/A
	9:16 Screen Support	Yes (Need Auto Rotating Accessory, Compatible Model Only)	N/A	N/A
	Art Mode (The Frame)	N/A	N/A	N/A
	Motion Detection (The Frame)	N/A	N/A	N/A
	Auto Channel Search	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes
	Connect Share™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Extended PVR	Yes	Yes	Yes
	OSD Language	Local Languages	Local Languages	Local Languages
	Picture-In-Picture	N/A	N/A	N/A
	BT HID Built-in	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes
	Time Shift	Yes	Yes	Yes
One Connect Box	One Connect (Y22 8K)	One Connect (Y22 8K)	One Connect (Y22 8K)	
V-Chip	N/A	N/A	N/A	
IPv6 Support	Yes	Yes	Yes	
MBR Support	Yes	Yes	Yes	
Accessibility	Voice Guide	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish	AU English, China Chinese, Korean, France French, Italian, German, Spain Spanish
	Learn TV Remote / Learn Menu Screen	UK English, French, Spanish	UK English, French, Spanish	UK English, French, Spanish
	Others	Enlgarge / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Graphic Zoom / Picture Off	Enlgarge / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Graphic Zoom / Picture Off	Enlgarge / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Sign Language Zoom / Slow Button Repeat / Graphic Zoom / Picture Off
Power & Eco Solution	Power Consumption (Max)	370 W	430 W	475 W
	Power Supply	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Energy Saving Mode)	N/A	N/A	N/A
	Power Consumption (Stand-by)	0.5 W	0.5 W	0.5 W
	Power Consumption (Typical)	310.0 W	395.0 W	439.0 W
	Yearly Power Consumption (EU standard)	1135 kWh	1445 kWh	1605 kWh
	Eco Sensor	Yes	Yes	Yes
	Energy Efficiency Class	1	1	1.5
Auto Power Off	Yes	Yes	Yes	
Dimension	Package Size (WxHxD)	1625 x 947 x 195 mm	1859 x 1134 x 196 mm	2097.0 x 1253.0 x 220.0 mm
	Set Size with Stand (WxHxD)	1433.1 x 893.4 x 298.4 mm	1654.8 x 1017.4 x 318.3 mm	1876.6 x 1146.1 x 341.4 mm
	Set Size without Stand (WxHxD)	1433.1 x 819.9 x 15.2 mm	1654.8 x 945.6 x 15.4 mm	1876.6 x 1071.5 x 15.4 mm
	Stand (Basic) (WxD)	360.0 x 298.4 mm	360.0 x 318.3 mm	360.0 x 341.4 mm
	Stand (Minimum) (WxD)	N/A	N/A	N/A
	VESA Spec	400 x 300 mm	400 x 400 mm	600 x 400 mm

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	VESA Spec	400 x 300 mm	400 x 400 mm	600 x 400 mm
Weight	Package Weight	41.3 kg	55.5 kg	71.1 kg
	Set Weight with Stand	30.5 kg	41.8 kg	54.8 kg
	Set Weight without Stand	22.6 kg	31.7 kg	43.8 kg
Accessory	Remote Controller Model	TM2280E	TM2280E	TM2280E
	Batteries (for Remote Control)	N/A	N/A	N/A
	Samsung Smart Control (Included)	Yes	Yes	Yes
	Slim Fit Wall-mount Support	Yes	Yes	Yes
	Optional Stand Support (Y20 Studio)	Yes	N/A	N/A
	Optional One Connect Cable Support	Yes	Yes	Yes
	Mini Wall Mount Support	Yes	N/A	N/A
	Vesa Wall Mount Support	Yes	Yes	Yes
	Customizable Frame Support (The Frame)	N/A	N/A	N/A
	User Manual	Yes	Yes	Yes
	E-Manual	Yes	Yes	Yes
	ANT-Cable	N/A	N/A	N/A
	Power Cable	Yes	Yes	Yes
	HDMI Cable	N/A	N/A	N/A
	Slim Gender Cable	N/A	N/A	N/A