



2024 QNED Comparison Chart

FEATURES	QNED90T	QNED89T	QNED85T	QNED80T	
SIZE	Screen Size 86/75/65	98	86/75/65/55/50	86/75/65/55/50/43	
DISPLAY	Resolution/Refresh Rate 4K / 120HZ	4K / 120HZ	4K / 120HZ	4K / 60HZ	
PROCESSOR	Picture Processor a8 AI Processor	a8 AI Processor	a8 AI Processor	a5 AI Processor Gen7	
PICTURE QUALITY	Quantum Dot NanoCell	•	•	•	
	Backlight Type	Mini-LED	Full array	Edge	
	Wide Colour Gamut	QNED Colour Pro	QNED Colour	QNED Colour	
	AI Picture Pro	•	•	•	
	Dynamic Tone Mapping	Dynamic Tone Mapping Pro	Dynamic Tone Mapping Pro	Dynamic Tone Mapping Pro	Dynamic Tone Mapping
	Dimming Technology	Precision Dimming	Precision Dimming	Local Dimming	Local Dimming
	Dolby Vision / FILMMAKER MODE	• / •	- / •	- / •	- / •
	HDR	Dolby Vision/HDR10/HLG	HDR10/HLG	HDR10/HLG	HDR10/HLG
	100% Colour Volume	•	-	-	-
SOUND	AI Sound	a8 AI Sound Pro (V. 91.2 Up-mix)	a8 AI Sound Pro (V. 91.2 Up-mix)	a8 AI Sound Pro (V. 91.2 Up-mix)	AI Sound Pro (V. 91.2 Up-mix)
	AI Accoustic Tuning*	•	•	•	•
	Dolby Atmos	•	-	-	-
	DTS:X (By pass only)	•	•	•	-
	Channel/Audio Output	2.2ch / 40W	2.2ch / 40W	2.0ch / 20W	2.0ch / 20W
AI/SMART	ThinQ	•	•	•	•
	Alexa / Airplay 2 / Chromecast	• (Built-in) / • / •	• (Built-in) / • / •	• (Built-in) / • / •	• (Built-in) / • / •
	Hands-free Voice Control	-	-	-	-
	Remote	Magic Remote MR24	Magic Remote MR24	Magic Remote MR24	Magic Remote MR24
	Room to Room Share (*Receiver)	Yes (Receiver)	Yes (Receiver)	Yes (Receiver)	Yes (Receiver)
	Multiview	•	•	•	-
GAMING	AMD FreeSync Premium	•	•	•	-
	VRR	•	•	•	-
	Game Optimizer	•	•	•	•
	Game Dashboard	•	•	•	•
CONNECTIVITY	Wi-Fi	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5
	Bluetooth	BT v5.1	BT v5.1	BT v5.1	BT v5.1
	HDMI 2.0 / 2.1	- / 4	- / 4	- / 4	3 / -
WOW FEATURES	WOW Orchestra	•	•	•	-
	WOW Interface	•	•	•	•
	WOW Cast built-in	•	•	•	-