

Product	Model Name	2551S (Mini LED 576-zone Black)
Display	Panel Size(diagonal)	24.5"
	Panel Type	Fast IPS
	Panel Source	BOE
	Panel P/N	DV245QHB-N30
	Flat/ Curve	Flat
	Radius of curvature	NA
	Aspect Ratio	16:9
	HDR support	HDR 1000 ready
	Resolution	2560*1440
	Bezel Type	3-frameless bezel
	Display Viewing Area(H*V) (mm)	541.44*302.616
	Panel Backlight Type / Backlight Type (Edge-lit / Dual Edge-lit / Direct-lit)	DLED (OD:10mm)
	local dimming	QD-Mini LED 576-Zone
	Display Surface(non-glare/ glare)	non-glare
	Color Saturation (NTSC) (NTSC Coverage based on CIE 1931)	95%±2
	Color Saturation (NTSC) (NTSC Coverage based on CIE 1976)	93%±2
	Color Saturation (NTSC) (NTSC Area Ratio based on CIE 1931)	108%±2
	Color Saturation (NTSC) (NTSC Area Ratio based on CIE 1976)	124%±2
	Color Saturation (DCI-P3) (DCI-P3 Coverage based on CIE 1931)	98%±2
	Color Saturation (DCI-P3) (DCI-P3 Coverage based on CIE 1976)	99%±2
	Color Saturation (DCI-P3)(DCI-P3 Area Ratio based on CIE 1931)	112%±2
	Color Saturation (DCI-P3) (DCI-P3 Area Ratio based on CIE 1976)	114%±2
	Color Saturation (sRGB) (sRGB Coverage based on CIE 1931)	99%±2
	Color Saturation (sRGB) (sRGB Coverage based on CIE 1976)	100%±2
	Color Saturation (sRGB) (sRGB Area Ratio based on CIE 1931)	153%±2
	Color Saturation (sRGB) (sRGB Area Ratio based on CIE 1976)	143%±2
	Color Saturation (Adobe RGB) (Adobe RGB Coverage based on CIE 1931)	97%±2
	Color Saturation (Adobe RGB) (Adobe RGB Coverage based on CIE 1976)	99%±2
	Color Saturation (Adobe RGB) (Adobe RGB Area Ratio based on CIE 1931)	114%±2
	Color Saturation (Adobe RGB) (Adobe RGB Area Ratio based on CIE 1976)	122%±2
	Color Saturation (BT2020) (BT.2020 Coverage based on CIE 1931)	81%±2
	Color Saturation (BT2020) (BT.2020 Coverage based on CIE 1976)	82%±2
	Color Saturation (BT2020) (BT.2020 Area Ratio based on CIE 1931)	81%±2
	Color Saturation (BT2020) (BT.2020 Area Ratio based on CIE 1976)	83%±2
	DeltaE (Color Calibration DCI-P3、sRGB、Adobe)	ΔE≤2
	Pixel Pitch (H)*(V) (mm)	0.2115*0.21015
	Brightness (nits)(Max.)	SDR 400cd/m²(Min) 450cd/m²(Typ) HDR 1000cd/m²
	Hardware low blue light	NA
	Contrast Ratio (Typ.)	1000: 1
	Dynamic Contrast Ratio	2500000: 1
	View Angle(H/V)	178° (H) 178° (V)
	Panel bit depth	8bit
	Display Colors	16.7M
	Pixels per inch(PPI)	120
	Panel Response Time	5ms
	Panel Response Time(OD)	1ms
	Response Time (MPRT)	1ms
	Panel Refresh Rate (Max.)	240Hz
	Display Refresh Rate (Max.)	240Hz
Major Chip	Scaler PN	MT9800RTP TNG

I/O	PCB	JRY-W9MUHD-SC2
	HDMI 1.4	NA
	FreeSync Range	NA
	HDMI 2.0	2 (TMDS)
	FreeSync Range	48~144
	HDMI 2.1	NA
	FreeSync Range	NA
	DP 1.2	NA
	FreeSync Range	NA
	DP 1.4	1
	FreeSync Range	48~240
	VGA	NA
	DVI	NA
	FreeSync Range	NA
	Audio out	1
	USB- type A_USB 3.0	NA
	USB Type-A Version - Downstream Port	NA
	USB Type-B Version - Upstream Port	NA
	USB- type B QTY	NA
	USB- type A QTY	NA
	USB- type C Version	NA
	USB- type C QTY	NA
	USB Type-C Function / Type-C Power	NA
	USB Type-C Function / Type-C Bandwidth	NA
	USB Type-C Upstream Data (KVM)	NA
	USB Charge / USB Charging	NA
	Power Delivery / Output Power (Charging Protocol)	NA
	Power Delivery / Output Power (Dynamic Adjustment Range)	NA
	RJ45	NA
	Wireless charging	NA
	Microphone	NA
	Camera	NA
	Light perception	Yes
	Gravity Sensor	NA
	IR (Remote Control)	NA
	Speaker Specifications	NA
	USB HUB Board	NA
	Lighting Effects Board	NA
Mechanical Design	Display Stand Design	HAS
	Tilt(angle)	-5°+/-2~+20°+/-2
	Swivel(angle)	±25°+/-3
	Pivot(angle/direction)	±90°+/-2
	Height Adjustment	(120±5mm)
	Wall hanging method	NA
	VESA Mount	100*100mm
	Power Button	Yes
	OSD Button	Yes
	Back cover RGB Design	Yes
	Stand RGB Design	NA
	Kensington lock	NA
Power	Power Consumption	Typ. 55W, Max. 135W
	Power Saving Mode	<0.5W
	Power Off Mode	<0.3W
	Power Type	External Adapter
	Power Supply	DC 19V6.32A 120W
	Constant Current Board	576-Zone B-CON
	Power Supply Board	NA
Phys. Dimension	Phys. Dimension with Stand(W*H*D)(mm)	558.4*228.4*500.4mm (Maximum Height) 558.4*228.4*380.4mm (Minimum Height)

Dimension/尺寸	Phys. Dimension w/o stand (WxHxD)(mm)	558.4*68.8*329.6mm
	Box Dimension (WxHxD)(mm)	828*192*426mm
Weight	Net Weight (kg)	Monitor Unit: 3.6 kg With Stand & Base: 5.3 kg
	Gross Weight (kg)	7.6kg
Container Load	20' (Q'ty)	350
	40' GP (Q'ty)	735
	40' HQ (Q'ty)	735
	40' HQ -AU(Q'ty)	/
Software	1. Color Temperature (Cool, Warm, User)	Yes
	2. Software Low Blue Light Control	Yes
	3. Scene Mode	Yes
	4. DCR (Dynamic Contrast Ratio)	Yes
	5. DC Dimming	Yes
	6. PWM Dimming (Dimming Frequency, Response Time)	No
	7. Language Menu	Yes (23 Languages)
	8. Flicker-Free Backlight Adjustment	Yes
	9. FreeSync	Yes (Adaptive-Sync)
	10. Over Drive	Yes
	11. FPS/RTS Game Mode	Yes
	12. GAME PLUS	Yes
	13. PIP/PBP (Picture-in-Picture / Picture-by-Picture)	Yes
	14. KVM (Keyboard, Video, Mouse Switch)	No
	15. Anti-Burn-in Protection Program (OLED)	No
	16. Picture Quality (PQ) Settings	Yes
	17. Delta E (Color Calibration: DCI-P3, sRGB, Adobe RGB)	Yes
	18. HDR400 / HDR600 / HDR1000 / HDR1400 / HDR2000	HDR 1000 (Not Certified)
	19. Lighting Effect Control Modes (Off / RGB Mixed Color / Full-Color Marquee)	RGB Lighting Effect