

Specifications

Model			QB85R	QB98T
Panel	Diagonal Size	Class	85	98
		Measured	84.5	97.5
	Type	Edge LED BLU	Direct LED BLU	
	Resolution	UHD (3840 x 2160)	UHD (3840 x 2160)	
	Pixel Pitch (mm)	0.4875 x 0.4875	0.562 x 0.562 (mm)	
	Active Display Area	1872.0(H) x 1053.01(V)	2158.848(H) x 1214.352(V)	
	Brightness(Typ.)	350	350	
	Contrast Ratio (Typ.)	4000:1	1200:1	
	Viewing Angle(H/V)	178/178	178/178	
	Response Time (G to G)	8ms (Typ.)	8ms (Typ.)	
	Display Colors	16.7M (True Display) 1.07B (Dithered 10bit)	16.7M (True Display) 1.07B (Dithered 10bit)	
	Color Gamut	92% (DCI-P3, CIE 1976)	72%	
	Operation Hour	16/7	24/7	
	Display	Haze	2%	25%
Dynamic C/R		MEGA	MEGA	
H-Scanning Frequency		30 ~ 81kHz	30 ~ 81kHz	
V-Scanning Frequency		48 ~ 75Hz	48 ~ 75Hz	
Sound	Maximum Pixel Frequency	594MHz	594MHz	
	Speaker Type	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	
Connectivity	INPUT	RGB	DVI-D	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo Mini Jack, DVI/HDMI/Audio(Common)	Stereo mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2
	OUTPUT	RGB	N/A	HDMI 2.0 (Loop-out)
		VIDEO	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo mini Jack
		Power Out	N/A	N/A
		USB	N/A	N/A
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR
	Tuner		N/A	N/A
Power	Type	Internal	Internal	
	Power Supply	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	
	Power Consumption	Max[W/h]	198	462
		Typical[W/h]	143	360
		Rating[W/h]	180	420
		BTU(Max)	675.2	1576.4
		Sleep mode	0.5	0.5
Off mode	N/A	N/A		
Mechanical Spec	Dimension(mm)	Set	1897.8 x 1080.8 x 56.7	2195.8 x 1250.8 x 96.5
		Package	2090 x 1247 x 260	2369 x 1405 x 350
	Weight (kg)	Set	48.4	83
		Package	63.7	106
	VESA Mount		600 x 400	800 x 400
	Protection Glass		N/A	N/A
	Stand Type		N/A	N/A
Bezel Width (Top/Side/Bot) (mm)		10.9mm(U/L/R), 12.9mm(B)	17.9	
Operation	Operating Temperature	0°C~ 40°C	0°C~ 40°C	
	Humidity	10~80%	10~80%	
Feature	Key		UHD Signage Display Slim & Light Signage with Built-in MagicInfo 56, S5SP 6.0	UHD Signage Display Slim & Light Signage with Built-in MagicInfo 56, S5SP 6.0
		Special	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (10W 2ch), IP5x Rating, Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA, HDCP1.4:7EA), Wi-Fi/BT
	Internal Player (Embedded H/W)	Processor	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting) Cortex A72 1.7GHz Quad-Core CPU	
		On-Chip Cache	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	
		Cache Memory		
		Clock Speed	1.7GHz	
		Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit	
		Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	
		Multimedia	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	
		IO Ports	USB 2.0	
		Operating System	Tizen 4.0 (VDLinux)	
	Certification	Safety	60950-1	60950-1
EMC		Class A	Class A	
Environment		N/A	N/A	
Security		802.1x(WPA2 Enterprise) (201-) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries		
	Optional	Stand	N/A	N/A
		Mount	WMN8200SF / WMN8200SG	WMN8200SG
		Specialty	N/A	N/A
		Media Player	N/A	N/A