


Model			QM43N	
Picture				
Panel	Diagonal Size	Class	43	
		Measured	42.5	
	Type	Edge LED BLU		
	Resolution	UHD (3840 x 2160)		
	Pixel Pitch (mm)	0.2451 x 0.2451		
	Active Display Area	941.184 (H) x 529.416 (V)		
	Brightness(Typ.)	500		
	Contrast Ratio (Typ.)	4000:1		
	Viewing Angle(H/V)	178/178		
	Response Time (G to G)	8ms(Typ.)		
	Display Colors	16.7M		
	Color Gamut	72%		
	Operation Hour	24/7		
	Haze	44%		
Display	Dynamic C/R		MEGA	
	H-Scanning Frequency		30 ~ 81kHz	
	V-Scanning Frequency		48 ~ 75Hz	
	Maximum Pixel Frequency		594MHz	
Sound	Speaker Type		Built in Speaker(10W + 10W)	
Connectivity	INPUT	RGB	DVI-D, Display Port 1.2 (1)	
		VIDEO	HDMI 2.0 (2)	
		HDCP	HDCP2.2	
		AUDIO	Stereo mini Jack, DVI, HDMI	
		USB	USB 2.0 x 2	
	OUTPUT	RGB	HDMI 2.0 (Loop-out)	
		VIDEO	N/A	
		AUDIO	Stereo mini Jack	
		Power Out	N/A	
		USB	N/A	
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	
	EXTERNAL SENSOR		IR	
	Tuner		N/A	
Power	Type		Internal	
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption	Max[W/h]	121	
		Typical[W/h]	76	
		Rating[W/h]	110	
		Sleep mode	0.5	
Off mode		N/A		
Mechanical Spec	Dimension(mm)	Set	970.2 x 563.2 x 58.5	
		Package	1097 x 677 x 151	
	Weight (kg)	Set	9.9	
		Package	13.7	
	VESA Mount		200 X 200	
	Protection Glass		N/A	
	Stand Type		Foot Stand (Optional)	
	Bezel Width (Top/Side/Bot) (mm)		13.5(top,side), 17.7(bottom)	
Operation	Operating Temperature		0°C- 40°C	
	Humidity		10~80%	
Feature	Key		UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
	Special	H/W	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x, Wi-Fi/BT	
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
	Internal Player (Embedded H/W)	Processor	Coretex A72 1.7GHz Quad-Core CPU	
		On-Chip Cache Memory	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	
		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	Tizen 4.0 (VDLinux)			
Certification	Safety		60950-1	
	EMC		Class A	
	Environment		ENERGY STAR 7.0 (USA)	
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Optional	Stand	STN-L4300H	
		Mount	WMN4070SE	
		Specialty	CML400XK	
		Media Player	N/A	