


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	