



SAMSUNG

SPECIFICATION

QM32R-B

32.0" - FHD

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	32
Type	Edge LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.360(H) x0.360(V)
Active Display Area(mm)	698.4(H) x 392.85(V)
Brightness(Typ.)	400 nit
Contrast Ratio	5000:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms(Typ.)
Display Colors	16.7M(True Display)1.07B(Ditherd 10bit)
Color Gamut	72%
Operation Hour	24/7
Haze	2%

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)
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Connectivity

Input	
RGB	Display Port 1.2 (1)
Video	HDMI 2.0 (2)
HDCP	HDCP2.2
Audio	Stereo Mini Jack, HDMI/Audio(Common)
USB	USB 2.0 x 2
Output	
Audio	Stereo mini Jack
External Control	RS232C(in/out) thru stereo jack, RJ45
External Sensor	IR

Power

Type	Internal
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	72.0
Typical[W/h]	44.0
Rating[W/h]	65.0
BTU(Max)	245.7
Sleep mode	0.5

Mechanical Specification

Dimension (mm)	
Set	725.1 x 419.6 x 34.6
Package	812 x 513 x 120
Weight (kg)	
Set	5.7
Package	8.0
VESA Mount (mm)	200 X 200

Stand Type	Foot Stand (Optional)
Bezel Width (mm)	8.8mm(U/L/R/B)

Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10.0 % ~ 80.0 %
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Feature

Key Features	FHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
Orientation	Landscape / Portrait	
Remote Control	N/A	
Special Features	H/W : Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), IP5x Rating, Wi-Fi S/W : Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
Internal Player	Processor	Cortex 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 : 1920x1080 (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
EMC	Class B(TBD)
Security	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP

Accessory

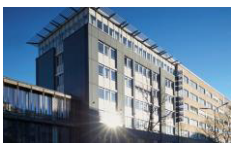
Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
Optional	
Stand	STN-L3240E
Mount	WMN4070SE (Land Only) WMN750ME
Specialty	CML400XK

Media Player

Media Player	N/A
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