



**SAMSUNG**

# SPECIFICATION

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**QM32R-T**

**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)	0.3638 x0.3638
Active Display Area(mm)	698.4(H) x 392.85(V)
Brightness(Typ.)	300 (with Touch glass), 400(without Touch Glass) nit
Contrast Ratio	5,000:1 (Without Glass)
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms(Typ.)
Display Colors	16.7M
Color Gamut	72%
Operation Hour	16/7
Haze	2% (Without Glass)

## 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	HDMI
USB	USB 2.0 x 2
Output	
RGB	HDMI 2.0 (Loop-out)
Audio	Stereo mini Jack
Usb	USB Type-B x 2 (Touch Sensor Data, PC 1 / SoC 1)
External Control	RS232C(in/out) thru stereo jack, RJ45
External Sensor	IR

## Power

Type	Internal
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	
Max[W/h]	72
Typical[W/h]	45
Rating[W/h]	65
BTU(Max)	245.7
Sleep mode	5

## Mechanical Specification

Dimension (mm)	
Set	744.4 x 444.6 x 48.2
Package	872 x 565 x 133
Weight (kg)	
Set	8.3
Package	11.1
VESA Mount (mm)	200 X 200

Stand Type	Foot Stand (Optional)
Bezel Width (mm)	24.5mm(U/D), 21.5mm(L/R)

## Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10 % ~ 80 %
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## Feature

Key Features	FHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0, Cap touch	
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), Video Wall Daisy Chain(HDCP2.2:4EA, HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT 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 : 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
EMC	Class B
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(Landscape) / WMN750ME(Portrait)
Specialty	CML400XK

## Media Player

Media Player	N/A
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