



SAMSUNG

SPECIFICATION

QB24R-T

24.0" - FHD

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	24
Type	ADS
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.2745 x 0.2745
Active Display Area(mm)	527.04 (H) x 296.46 (V)
Brightness(Typ.)	250 (w/o Glass) nit
Contrast Ratio	1000:1 (w/o Glass)
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	14ms(Typ.)
Display Colors	16.7 M (real 6bit, dither 8bit)
Color Gamut	72%
Operation Hour	16/7
Haze	10%

Display

Dynamic C/R	MEGA
H-Scanning Frequency	56 ~ 84.5kHz
V-Scanning Frequency	48 ~ 75HZ
Maximum Pixel Frequency	594MHz

Sound

Speaker Type	Built in Speaker(5W)
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Connectivity

Input	
RGB	-
Video	HDMI 1.4 (1)
HDCP	HDCP 2.2
USB	USB 2.0 x 1
Output	
Audio	Stereo Mini Jack
Power Out	Power Out - N/A / Touch Out - x1
External Control	RS232C(in) thru stereo jack, RJ45

Power

Type	Internal
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	38.5
Typical[W/h]	28.0
Rating[W/h]	35.0
BTU(Max)	131.3
Sleep mode	0.5

Mechanical Specification

Dimension (mm)	
Set	547.9 x 334.4 x 34.6
Package	620 x 419 x 122
Weight (kg)	
Set	4.0

Package	5.2
VESA Mount (mm)	100 X 100
Protection Glass	2.0T
Bezel Width (mm)	17.9mm(U/B), 9.4mm(L/R)

Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10 % ~ 80.0 %
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Feature

Key Features		Small Touch Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0
Orientation		N/A
Remote Control		N/A
Special Features		H/W : Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(5W 1ch), IP5x Rating, Wi-Fi/BT, 10 Point Touch(Max) 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, 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, USB Cable
Optional	
Stand	-
Mount	-
Specialty	-

Media Player

Media Player	N/A
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