



SAMSUNG

SPECIFICATION

QB13R

13.0" - UHD

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	13
Type	Edge LED
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.153 x 0.153
Active Display Area(mm)	293.76 (H) x 165.24 (V)
Brightness(Typ.)	300 nit
Contrast Ratio	800:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms(Typ.)
Display Colors	16.7 M (real 6bit, dither 8bit)
Color Gamut	45%
Operation Hour	16/7
Haze	10%

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(5W)
--------------	----------------------

Connectivity

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

Power

Type	Adapter
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	
Max[W/h]	27.5
Typical[W/h]	13.0
Rating[W/h]	25.0
BTU(Max)	93.8
Sleep mode	0.5

Mechanical Specification

Dimension (mm)	
Set	322.0x193.5x28.2
Package	376x132x248
Weight (kg)	
Set	0.9

Package	1.7
VESA Mount (mm)	100 X 100
Stand Type	Bar Type Simple Stand (Inbox)
Bezel Width (mm)	12.2mm

Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10 % ~ 80 %
-----------------------	--------------	----------	-------------

Feature

Key Features	Small 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-FiSW : 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 : 48KBL1 Data Cache : 32KBL2 Cache : 2MB
	Clock Speed	1.7GHz
	Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit Graphic resolution : 1920x1080
	Graphics	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, 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

Accessory

Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries, Bar Type Simple Stand
Optional	
Stand	Bar Type Simple Stand(inbox)
Mount	-
Specialty	N/A

Media Player

Media Player	N/A
--------------	-----



ALL TECHNOLOGIES. ALL COMPETENCIES. ONE SPECIALIST.



DATA MODUL AG
Landsberger Straße 322
DE-80687 Munich
Phone: +49-89-56017-0

DATA MODUL WEIKERSHEIM GMBH
Lindenstraße 8
DE-97990 Weikersheim
Phone: +49-7934-101-0



More information and worldwide locations can be found at

www.data-modul.com