



SAMSUNG

SPECIFICATION

QM98T

98.0" - UHD

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	98
Type	Direct LED BLU
Resolution	3840*2160 (4K UHD)
Pixel Pitch(mm)	0.562 x 0.562 (mm)
Active Display Area(mm)	2158.848(H) x 1214.352(V)
Brightness(Typ.)	500 nit
Contrast Ratio	1200:1
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	25%

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)
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]	616.0
Typical[W/h]	414.0
Rating[W/h]	560.0
BTU(Max)	2101.88
Sleep mode	0.5

Mechanical Specification

Dimension (mm)	
Set	2195.8 x 1250.8 x 96.5
Package	2369 x 1405 x 350
Weight (kg)	
Set	83.0
Package	106.0

VESA Mount (mm)	800 x 400
Bezel Width (mm)	17.9

Operation

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

Feature

Key Features		UHD 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(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), Wi-Fi/BT S/W : Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting), 802.1x(WPA2 Enterprise) Certified
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 A
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	-
Mount	WMN8200SG
Specialty	-

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