

Specifications for Samsung MD65C



Display

- **H-Scanning Frequency**

30 ~ 81kHz

- **Maximum Pixel Frequency**

148.5MHz

- **V-Scanning Frequency**

48 ~ 75HZ

Panel

- **Diagonal Size**

165.1cm (65)

- **Type**

120Hz LED BLU
<ul style="list-style-type: none"> Resolution
1920 x 1080 (16:9)
<ul style="list-style-type: none"> Pixel Pitch(mm)
0.248 (H) x 0.744 (V)
<ul style="list-style-type: none"> Active Display Area
1428.48 (H) x 803.52 (V)
<ul style="list-style-type: none"> Brightness
450nit
<ul style="list-style-type: none"> Contrast Ratio
4000:1
<ul style="list-style-type: none"> Viewing Angle(Horizontal/Vertical)
170°/160° (CR> 10)
<ul style="list-style-type: none"> Response Time (G-to-G)
178:178
<ul style="list-style-type: none"> Display Color
6.5ms
<ul style="list-style-type: none"> Color Gamut
10bit Dithering - 1.07Billion
<ul style="list-style-type: none"> Contrast Ratio
70%
Connectivity
<ul style="list-style-type: none"> Input
RGB
Analog D-SUB, DVI-D, Display Port 1.2
Video
HDMI1, HDMI2, Component (CVBS Common)
Audio
Stereo mini Jack
<ul style="list-style-type: none"> Output

RGB
DP1.2 (Loop-out)
Audio
Stereo mini Jack
<ul style="list-style-type: none"> • External Control
RS232C (in/out) thru stereo jack, RJ45
<ul style="list-style-type: none"> • External Sensor
IR, Ambient Light
Mechanical Specification
<ul style="list-style-type: none"> • Dimension
Set Dimension (WxHxD)
1467.4 x 848.0 x 56.2mm
Package Dimension (WxHxD)
1625 x 995 x 237mm
<ul style="list-style-type: none"> • Weight
Set Weight
26.8Kg
Package Weight
39.1Kg
<ul style="list-style-type: none"> • VESA Mount
400 x 400mm
<ul style="list-style-type: none"> • Stand Type
Foot Stand (Optional)
<ul style="list-style-type: none"> • Media Player Option Type
Embbded, SBB-C/PIM-B (Attachable)
General Feature
<ul style="list-style-type: none"> • Key
Slim & Light LFD with Built-in MagicInfo Lite

- **Special**

Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, Super Clear Coating, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (10 x 10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2 x 2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80 hours Clock Keeping) Built In MagicInfo (Lite, Premium-S, Videowall-S), WiFi Embedded, WiDi 2.0

- **Internal Player**

Processor

Cortex-A9 1GHz Dual Core CPU

On-Chip Cache Memory

L1 (I/D): 32KB/32KB L2 (Unified): 512KB

Clock Speed

1GHz CPU Dual

Main Memory Interface

1GB Dual 32bit DDR3-667 (1333MHz)

Graphics

2D & 3D Graphics Engine - Up to 1920 x 1080. 32bpp - Supports OpenGL ES

Storage (FDM)

4GB (1.2GB Occupied by O/S, 2.8GB Available,)

Multimedia

Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.

IO Ports

USB 2.0

Operating System

Linux

Power

- **Power Supply**

AC 100 - 240 V ~ (+/- 10%), 50/60Hz

<ul style="list-style-type: none"> Power Consumption
Off Mode
Less than 1 watts
On Mode
253 (Max)/230 (Typ)/862.73 (BTU)
Sleep Mode
Less than 1 watts
<ul style="list-style-type: none"> Type
Internal
Accessory
<ul style="list-style-type: none"> Included
Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batterie
<ul style="list-style-type: none"> Optional
Mount
WMN4675MD (for Video Wall W/M)
Specialty
CML450D (Ceiling Mount)
Stand
STN-L4055AD
Embedded PC
<ul style="list-style-type: none"> CPU
SBB-C, PIM
<ul style="list-style-type: none"> N/B
SBB-C, PIM
<ul style="list-style-type: none"> S/B
SBB-C, PIM
<ul style="list-style-type: none"> GPU
SBB-C, PIM
<ul style="list-style-type: none"> FDM/HDD

SBB-C, PIM
<ul style="list-style-type: none"> • Memory
SBB-C, PIM
<ul style="list-style-type: none"> • Ethernet
SBB-C, PIM
<ul style="list-style-type: none"> • Connectivity
USB
SBB-C, PIM
Output
SBB-C, PIM
Others
SBB-C, PIM
Certification
<ul style="list-style-type: none"> • EMC
FCC (USA) FCC Part 15, Subpart B class A, CE (Europe) EN55022, EN55024, VCCI (Japan) V-3 (CISPR22), KCC (Korea): KN22, KN24, BSMI (Taiwan): CNS13438 (CISPR22), C-Tick (Australia): AS/NZS3548 (CISPR22), CCC (China): GB 9254-2008, GB 17625.1-2003
<ul style="list-style-type: none"> • Environment
ENERGY STAR 6.0 (USA)
<ul style="list-style-type: none"> • Safety
CUL (USA + Canada): UL60950, TUV (Germany): EN60950, CB (Europe): IEC60950/EN60950, EK (Korea): K60950



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