



# SPECIFICATION

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# SAMSUNG

WM65B

65.0" - UHD

Version: 1.0

Date: 23.05.2023

Note: This specification is subject to change without prior notice

## Panel

Diagonal Size	65
Type	New Edge, 60Hz
Resolution	3840*2160 (4K UHD)
Brightness(Typ.)	350 (without glass) nit
Contrast Ratio	4000:1 (Typ.)(without glass)
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms(Typ.)
Operation Hour	16/7
Haze	8%~12%

## Sound

Speaker Type	Built in Speaker (10W x2CH)
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## Connectivity

Input	
Video	(Basic) HDMI 1, DP1(With Tray) HDMI 1, USB-C
USB	(Basic) USB 1 (With Tray) USB 2, USB External (In/Out) 1
Output	
Audio	1(Stereo Mini Jack)
Touch Out	(Basic) Touch Out 1 (USB Upstream 1 type)(With Tray) Touch Out 1
External Control	Touch InputRS232C thru stereo jack, RJ45(For MDC)
BT/WiFi	Yes (Keyboard/Mouse,speaker)

## Touch

Type	IR
# of Drawing	20 touch (internal/external)* Whiteboarding app works 4 drawing
Touch Pen Type	Passive Pen with magnet
Object Recognition Range	2mm/ 4mm / 8mm / 50mm(Brush Mode : Dynamic Object Recognition)
Touch Response Time	6.7ms
Drawing Speed (Touch latency)	26ms
Haze	8%~12%
Thickness	3.2T
Hardness	Heat Semi-Strengthened Glass
Additional Film	AG Flim(Anti glare) Hydrophobic Coated PEI (Shatter-proof flim) Antimicrobial Coating

## Power

Type	Internal
Power Supply	AC100-240V 50/60Hz

Power Consumption	
Max[W/h]	192.5W(100-240V)
Typical[W/h]	124W
Rating[W/h]	175W
Stand-by(Max)	0.5
BTU(Max)	656.425W

## Mechanical Specification

Dimension (mm)	
Set	1522.4 x 897.6 x 62.9 mm
Package	1691 x 1055 x 198 mm
Weight (kg)	
Set	39.7 kg
Package	48.2 kg
Color	Gray White
VESA Mount (mm)	400 * 400
Protection Glass	Yes
Stand Type	Wallmount (WMN-WN65R)
Rotation	Landscape / Portrait
Power Cable Length	3M /2.4M(US)
Accessory	Power Cord, USB Upstream Cable(1ea), Pen(Zea, Black) Waranty/QSG

## Operation

Operating Temperature	0 °C ~ 30 °C	Humidity	10 % ~ 80 % non-condensing
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## Feature

Key Features		Flip App
Orientation		Landscape / Portrait
Remote Control		N/A
Special Features	H/W	Touch module(IR), Built in Speaker(20W 2CH), WiFi/BT Module Embedded
	S/W	First screen: Flip 3/ W(whiteboarding app), Apps : Document viewer, Smartview+, Video player, Web browser, workspace, (RDP/VNC, Office365, VMWare), Edu tool, mimioconnect(N.America Only), WebRTC : Yes, Upgradable web engine : Yes, Smartview+ : Yes, Airplay : Ready to update ('22.5)
	Platform	Pontus-M (Tizen 6.5)
Internal Player	Processor	CA72 Quad(1.7GHz)
	On-Chip Cache Memory	N/A
	Clock Speed	N/A
	Main Memory Interface	N/A
	Graphics	N/A
	Storage (FDM)	32GB (2.65GB Occupied by O/S, 29.35GB Available)
Multimedia		N/A

	<b>IO Ports</b>	N/A
	<b>Operating System</b>	Tizen 6.5 : Samsung Proprietary OS(VDLinux)

## Certification

<b>Safety</b>	N/A
<b>EMC</b>	N/A
<b>Security</b>	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP

## Accessory

<b>Included</b>	Power Cord, USB Upstream Cable(1ea), Pen(2ea, Black), Warranty/QSG
<b>Optional</b>	
<b>Stand</b>	N / A (3rd party company stand can be supported through VESA)
<b>Mount</b>	WMN-WM65R
<b>Specialty</b>	N/A
<b>Tray</b>	CY-TF65BBC

## Media Player

<b>Media Player</b>	N/A
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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](http://www.data-modul.com)