



SPECIFICATION

SAMSUNG

WM75B

75.0" - UHD

Version: 1.0

Date: 23.05.2023

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	75
Type	New Edge, 60Hz
Resolution	3840*2160 (4K UHD)
Brightness(Typ.)	350 (without glass) nit
Contrast Ratio	4000:1
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	6ms(Typ.)
Operation Hour	16/7
Haze	8%~12%

Connectivity

Input	
Video	HDMI 2(Rear 1, Front 1), DP 1, USB C(Front), OPS I/F
USB	2(For SoC, Rear/Front), 1 (for external 3.0x1(Front))
Output	
Audio	1(Stereo Mini Jack)
Touch Out	Touch Out 2 (USB Upstream Type, Front 1, Rear 1)
External Control	Touch Input RS232C 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 Film(Anti glare) Hydrophobic Coated PEI (Shatter-proof film) Antimicrobial Coating

Power

Type	Internal (Main 1ea, OPS 1ea)
Power Supply	AC100-240V 50/60Hz
Power Consumption	
Max[W/h]	473W(100-240V), 451W(220-240V), OPS(16V/4.5A)
Stand-by (W)	0.5
Typical[W/h]	187W

Rating[W/h]	430W(100-240V), 410W(220-240V), OPS(16V/4.5A)
BTU(Max)	1612.93W(100-240V), 1537.91W(220-240V), OPS(16V/4.5A)

Mechanical Specification

Dimension (mm)	
Set	1724 x 1026.3 x 89
Package	1905 x 1189 x 287
Weight (kg)	
Set	59.3
Package	72.2
Color	Gray White
VESA Mount (mm)	400 * 400
Protection Glass	Yes
Stand Type	Wall Mount
Media Player Option Type	OPS Slot support
Rotation	Landscape only
Power Cable Length	3M /2.4M(US)
Accessory	Power Cord, USB Upstream Cable(2ea), Pen(2ea, Black), OPS Box, Warranty/QSG

Operation

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

Key Features	Flip App	
Orientation	Landscape	
Remote Control	N/A	
Special Features	H/W	Touch Overlay(IR), Front Connectivity, OPS I/F Support(w/OPS Box), WiFi/BT Module Embedded
	S/W	First screen : Flip S/W (whiteboarding app) // Apps : Document viewer, Smartview+, Video player, Web browser, Smsung workspace (RDP/VNC, Office365, VMWare), Edu tool, mimiocconnect(N.America Only) // WebRTC : Yes // Upgradable web engine : Yes // Smartview+ : Yes
	Platform	Pontus-M (Tizen 6.5)
Internal Player	Processor	Cortex A72 1.7GHz Quad-Core CPU 2MB L2
	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
	IO Ports	N/A
Operating System	Tizen 6.5 : Samsung Proprietary OS(VDLinux)	

Certification

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

Accessory

Included	Power Cord, USB Upstream Cable(1ea), Pen(2ea, Black), Warranty/QSG
Optional	
Stand	N/A (3rd party company stand can be supported through VESA)
Mount	WMN6575SE
Specialty	Flip UX
Tray	Built in front touch frame

Media Player

Media Player	N/A
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