Panel

Diagonal Size	55
Type	New Edge, 60Hz
Resolution	3840*2160 (4K UHD)
Brightness(Typ.)	350 (without glass) nit
Contrast Ratio	4,000:1 (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 x 2CH)

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 Type), (With Tray) Touch Out 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	2.85T

Hardness	Heat Semi-Strengthened Glass
Additional Film	AG Flim(Anti glare) Hydrophobic Coated PET (Shatter-proof flim) Antimicrobial Coating

Power

Type	Internal
Power Supply	AC100-240V 50/60Hz
Power Consumption	
Max[W/h]	154W(100-240V)
Typical[W/h]	95W
Rating[W/h]	140W
Stand-by(Max)	0.5
BTU(Max)	525.14W

Mechanical Specification

Dimension (mm)	
Set	1297.4 x 768.2 x 59.9 mm
Package	1464 x 915 x 190 mm
Weight (kg)	
Set	28.6 kg
Package	35.9 kg
Color	Gray White
VESA Mount (mm)	400 * 400
Protection Glass	Yes
Stand Type	Stand / Wallmount (STN-WM55R / WMN4277SF)
Rotation	Landscape / Portrait
Power Cable Length	3M /2.4M(US)
Accessory	Power Cord, USB Upstream Cable(1ea), Pen(2ea, Black), Waranty/QSG

Operation

Operating Temperature	0 ℃ ~ 40 ℃	Humidity	10 % ~ 80 % non-condensing

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 S/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
	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), Waranty/QSG
Optional	
Stand	STN-WM55R
Mount	WMN-4277SF
Specialty	N/A
Tray	CY-TF65BBC

Media Player

Media Player	N/A