

Panel

Diagonal Size	55
Type	60Hz New Edge
Resolution	3840*2160 (Landscape)
Brightness(Typ.)	350 (without glass), 220 (with 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

Sound

Speaker Type	Built in Speaker (10W x 2)
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Connectivity

Input	
Video	(Basic) HDMI 2 (With Tray) HDMI 3
USB	(Basic) USB 1 (With Tray) USB 2, USB External (In/Out) 1
Output	
Touch Out	(Basic) Touch Out 1 (USB Upstream Type), Audio Out 1 (With Tray) Touch Out 2, Audio Out 1, Screen Share(HDMI-Out) 1
INTERNAL SENSOR	(Basic) Acceleration sensor (With Tray) Acceleration sensor, NFC
External Control	Touch Input, RS232C thru stereo jack, RJ45(For MDC)

Touch

Type	InGlass™
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# of Drawing	Multi writing up to 4
Touch Pen Type	Passive Pen with magnet
Object Recognition Range	2mm/ 4mm / 8mm / 50mm , 1024 Level on Brush Mode
Touch Response Time	6.7ms

Power

Type	Internal
Power Supply	AC 100~240V 50/60Hz
Power Consumption	
Max[W/h]	154
Typical[W/h]	80
Rating[W/h]	140
Stand-by(Max)	0.5
BTU(Max)	525.14

Mechanical Specification

Dimension (mm)	
Set	1297.4(W) x 768.2(H) x 59.9(D)
Package	1464(W) x 915(H) x 190(D)
Weight (kg)	
Set	28.2
Package	35.2
Color	Light Gray
VESA Mount (mm)	400 x 400
Protection Glass	Yes
Stand Type	Moving Stand / Wallmount (WMN4277SE)
Rotation	Yes
Power Cable Length	3m
Accessory	Cover-Jack

Operation

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

Key Features		Flip App
Orientation		N/A
Remote Control		N/A
Special Features		H/W : Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded S/W : Flip S/W Platform : Muse-M (Tizen 5.0)
Internal Player	Processor	CA72 Quad(1.7GHz)
	On-Chip Cache Memory	L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB
	Clock Speed	1.7GHz CPU Quad
	Main Memory Interface	LPDDR4 1.6GHz 64bit 2.5GB
	Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES
	Storage (FDM)	8GB (2.65GB Occupied by O/S, 5.35GB Available)
	Multimedia	N/A
	IO Ports	USB 2.0
	Operating System	Samsung Proprietary OS(VDLinux)

Certification

Safety	N/A
EMC	N/A

Accessory

Included	Passive Pen(2), Power Cable, Touch Out Cable (USB upstream)
Optional	
Stand	STN-WM55R
Mount	WMN4277SE
Specialty	Flip UX
Tray	CY-TF65BRC

Media Player

Media Player	N/A
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