

Panel

Diagonal Size	55
Type	60Hz E-LED
Resolution	3840 x 2160 (Landscape) 2160 x 3840 (Portrait)
Active Display Area(mm)	N/A
Brightness(Typ.)	300 (without glass), 220 (with glass) nit
Contrast Ratio	4700:01:00
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	8ms(Typ.)
Operation Hour	8/7

Sound

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

Input	
Video	HDMI 1
Usb	USB 2 (ver 2.0x2, Side 1, Sensor Assy 1)
Output	
Touch Out	Touch Out 1 (Side, USB Upstream Type)
INTERNAL SENSOR	NFC, Acceleration sensor, Proximity Sensor
External Control	Touch Input RS232C, RJ45 (Not for User Control)

Touch

Type	Advanced IR
# of Drawing	4 drawing
Touch Pen Type	Passive Pen
Object Recognition Range	2mm/ 4mm / 8mm / 50mm
Touch Response Time	38ms ~ 46ms (According to number of Multi Drawing)

Power

Type	Internal
Power Supply	AC 100~240V 50/60Hz
Power Consumption	
Max[W/h]	165
Typical[W/h]	100
Rating[W/h]	150
Stand-by(Max)	0.5
BTU(Max)	562.65

Mechanical Specification

Dimension (mm)	Set	1302.6(W) x 805.5(H) x 52.0(D)
	Package	1469(W) x 924(H) x 210(D)
Weight (kg)	Set	28.9
	Package	34.9
Color		Light Gray
VESA Mount (mm)		400 x 400
Protection Glass		Yes
Stand Type		Moving Stand(Acc), Wall Mount
Media Player Option Type		N/A
Rotation		Available with Flip Stand (Rotation Sylinder Included)
Power Cable Length		3m
Accessory		Cover-Jack
Bezel Width (mm)		N/A

Operation

Operating Temperature	0.0 °C ~ 40.0 °C	Humidity	10.0 % ~ 80.0 %
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Feature

Key Features		Flip App
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 : Kant-M (Tizen 3.0)
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 1400MHz 64bit 3GB
	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-WM55H
	Mount	WMN-6575SE
	Specialty	Flip UX
	Tray	N/A

Media Player

Media Player	N/A
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