

Panel

Diagonal Size	55
Type	60Hz E-LED
Resolution	3840 x 2160 (Landscape) 2160 x 3840 (Portrait)
Pixel Pitch(mm)	N/A
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.)
Display Colors	N/A
Color Gamut	N/A
Haze	N/A

Display

Dynamic C/R	N/A	H-Scanning Frequency	N/A
V-Scanning Frequency	N/A	Maximum Pixel Frequency	N/A

Display

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

Connectivity

Input	RGB	N/A
	Video	HDMI 1
	HDCP	N/A
	Audio	N/A
	Usb	USB 2 (ver 2.0x2, Side 1, Sensor Assy 1)
Output	RGB	N/A
	Video	N/A
	Audio	N/A
	Touch Out	Touch Out 1 (Side, USB Upstream Type)
Power Out	N/A	
INTERNAL SENSOR		NFC, Acceleration sensor, Proximity Sensor
External Control		Touch Input RJ45 (not for User Control)
External Sensor		N/A
Tuner		N/A

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
Sleep mode	N/A
Off mode	N/A

Mechanical Specification

Dimension (mm)	Set	1302.6 X 805.5 X 52.0
	Package	1469 X 924 X 210
Weight (kg)	Set	28. Sep
	Package	34.9
Color		Light Gray
VESA Mount (mm)		400 x 400
Mounting Hole		N/A
Protection Glass		Yes
Stand Type		Moving Stand(Acc), Wall Mount
Media Player Option Type		N/A
Rotation		Available with Flip Stand (Rotation Syylinder Included)
Power Cable Length		3m
Accessory		Cover-Jack
Bezel Width (mm)		N/A

Operation

Recommended Usage Hours	N/A		
Operating Temperature	0.0 °C ~ 40.0 °C	Humidity	10.0 % ~ 80.0 %

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	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG
	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-6575SD
	Specialty	Flip UX

Media Player

Media Player	N/A
--------------	-----