

Panel

Diagonal Size	85
Type	New Edge, 60Hz
Resolution	3840*2160 (Landscape)
Brightness(Typ.)	350 (without glass) nit
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	6ms(Typ.)
Display Colors	16.7M
Operation Hour	N/A

Sound

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

Input	
Video	HDMI 2(Rear 1, Front 1), DP 1, OPS I/F
USB	2(For SoC, Rear/Front), 2 (for external 2.0 x1/3.0x1(Front))
Output	
Video	HDMI 1 (Screen Share in Front)
Audio	1(Stereo Mini Jack)
Touch Out	Touch Out 2 (USB Upstream 1type, Front 1, Rear 1)
External Control	Touch Input / RS232C thru stereo jack, RJ45(For MDC)

Touch

Type	IR	
# of Drawing	4 drawing (Internal) 20 touch (External)	
Touch Pen Type	Passive Pen with magnet	
Object Recognition Range	2mm/ 4mm / 8mm / 50mm (Brush Mode : Dynamic Object Recognition)	
Haze	8%~12%	
Thickness	3.2T	
Hardness	Heat Semi-Strengthened Glass	
Additional Film	AG, Hydrophobic Coated PET	

Power

Type	Internal (Main 1ea, OPS 1ea)
Power Supply	AC 100~240V 50/60Hz
Power Consumption	
Max[W/h]	418 (OPS 19V/3.7A)
Stand-by (W)	0.5
Typical[W/h]	205
Rating[W/h]	380 (OPS 19V/3.7A)
BTU(Max)	1,425.38 (OPS 19V/3.7A)

Mechanical Specification

Dimension (mm)	
Set	1942.8x1144.1x69.4 mm
Package	2136x1311x260 mm
Weight (kg)	
Set	74.5 kg
Package	91.5 kg
Color	Charcoal Black
VESA Mount (mm)	600 * 400

Protection Glass	Yes
Stand Type	Wall Mount
Media Player Option Type	OPS mount support
Rotation	Landscape only
Power Cable Length	3M /2.4M(US)
Accessory	Power Cord, USB Upstream Cable(2ea), Pen(2ea, Black), OPS mount, 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 mount) / Built in Speaker(10W x 2), WiFi/BT Module Embedded
	S/W	Flip S/W
	Platform	Muse-M (Tizen 6.0)
Internal Player	Processor	CA72 Quad(1.7GHz) 2MB L2
	On-Chip Cache Memory	L2 : 2MB
	Clock Speed	1.7GHz CPU Quad
	Main Memory Interface	LPDDR4 1.6GHz 64bit 3.0GB
	Graphics	GPU : MaliG51 MP4@760MHz
	Storage (FDM)	16GB
	Multimedia	N/A
	IO Ports	USB 2.0
	Operating System	Tizen 6.0 : 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
Mount	WMN8200SF
Specialty	Flip UX

Media Player

Media Player	N/A
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