AIO 121R

( ) Preliminary Specifications

(✱) Final Specifications



Publisher : SoundGraph, Inc.

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<Change History>

Version	History / Contents	Date	Writer
V1.0	• Initial Draft	2025-02-05	Ricky Baek
V1.1	• Added images related to dimensions	2025-08-09	Ricky Baek

1. General

Display	
Display Size	12.1 inch
Light Source	E-LED
Active Area	184.32 (V) x 245.76 (H) mm
Panel Resolution	768(H) x 1024(V) (pixels)
Aspect Ratio	3 : 4
Brightness (typ.)	350 cd/m^2
Contrast Ratio (typ.)	1000 : 1
Response Time	35 ms (G to G)
Refresh Rate	60 Hz
Viewing Angle (U/D/L/R)	85/85/85/85 degree
Color Gamut	72% NTSC
Panel Haze	25%

Board	
CPU	Amlogic T982 (Cortex-A55 @ 2.0Ghz)
Number of cores	Quad
GPU	ARM Mali-G52 MP2
RAM	2GB
Storage	32GB
OS	Android V11

Network	
Ethernet	10/100/1000Mbps
WIFI	802.11 b/g/n (2.4Ghz only)
Bluetooth	V4.1

Connectors and I/O Ports	
I/O (Input)	HDMI-in x 1 / RJ45 x 1 / USB 2.0 x 2 / Micro SD x 1
I/O (Output)	3.5mm Audio-Out

Sound	
Speaker	N/A

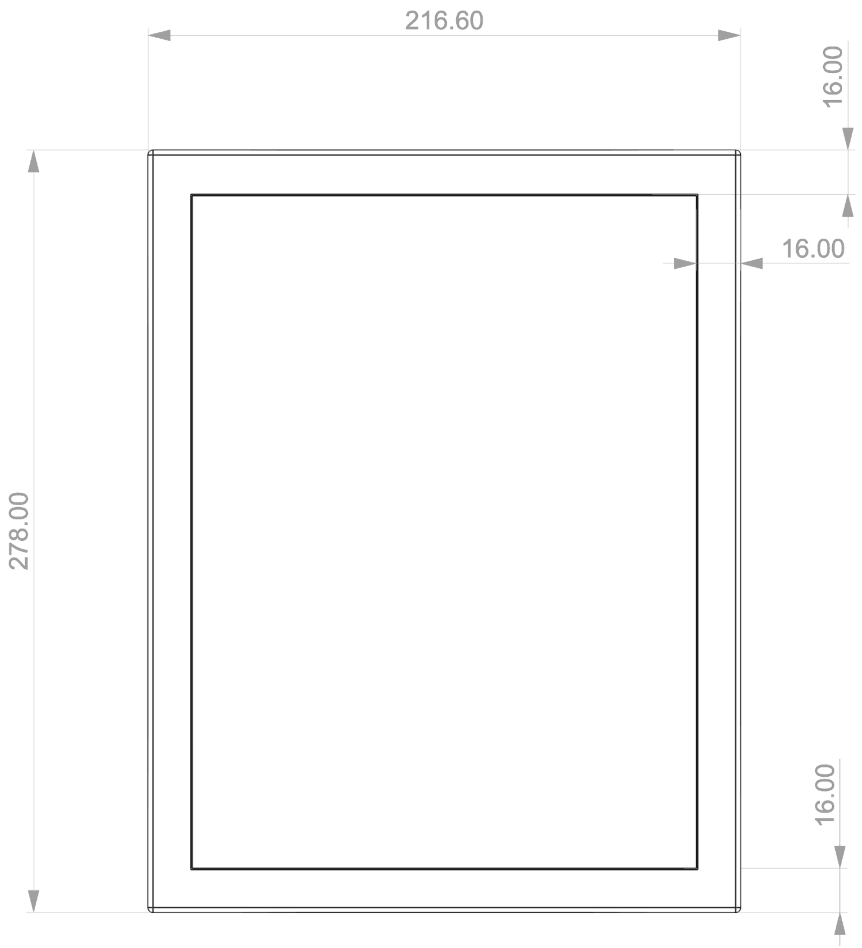
Power	
Power consumption (max)	TBD
Standby Power	TBD
Power Source	DC 12.0V / 2A

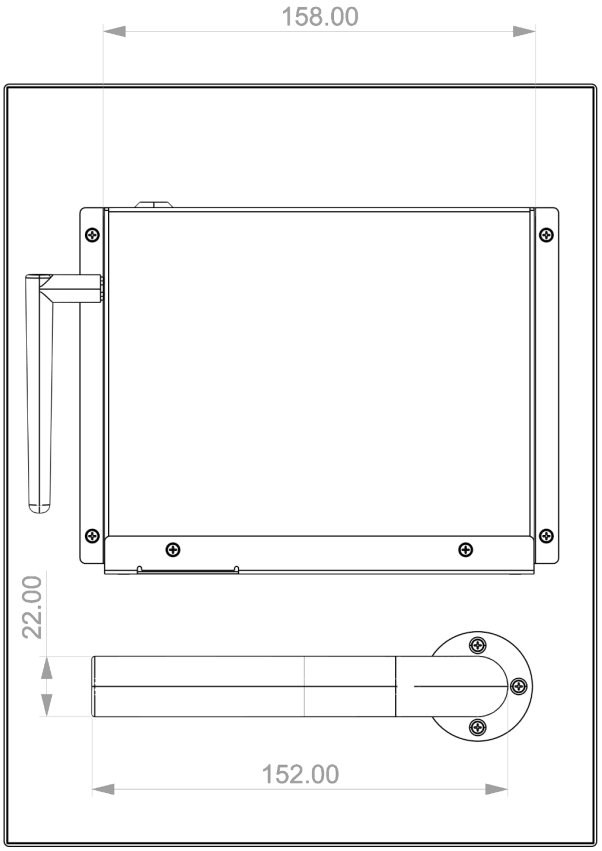
Physical	
Outline Dimension (HxVxD)	216 x 278 x 33 mm
Border Width (U/D/R/L)	16 / 16 / 16 / 16 mm
Weight	TBD
Mount Type	Tabletop stand only

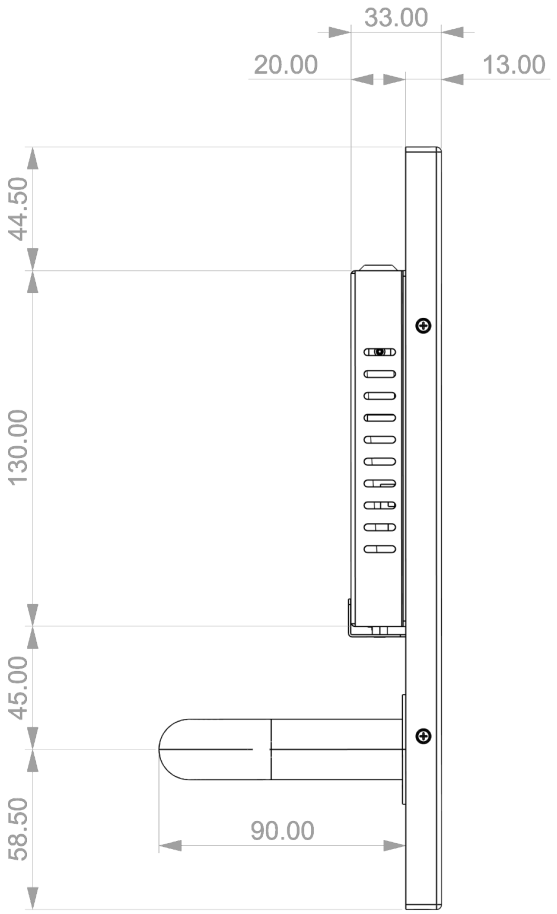
Environmental Requirements	
Operating Temperature	0 ~ 40 ℃
Operating Humidity	10 ~ 80 % RH

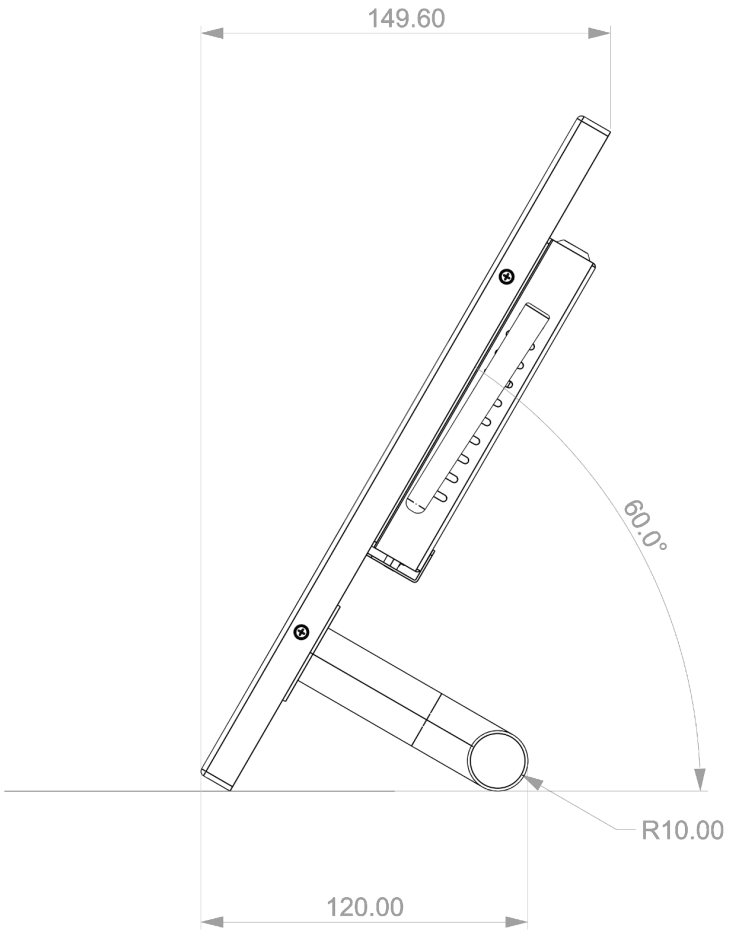
Package Size	
Dimension (HxVxD)	TBD
Weight	TBD

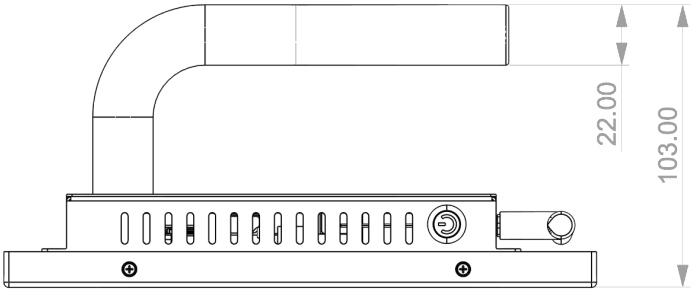
2. Mechanical Dimension




158.00
22.00
152.00


33.00
20.00
13.00
44.50
130.00
45.00
58.50
90.00


149.60
60.0°
R10.00
120.00


22.00
103.00