

All-in-One Computer ADPM

Manomay AiO Computer 98 inch A14 3B1G 8GB -128 GB (LV-100 Series)

with built-in Camera & Mic

Product Code : M2005-A

FEATURES

- Perfect 4K resolution.
- Zero bonding technology for natural writing experience.
- Front audio stereophonic speaker.
- Industrial grade aluminum frame.
- Multiple signal input HDMI, SPDIF, RS232, AV I/O, Earphone.
- Infrared touch technology for rich writing experience.
- Password Lock protected.
- 450 cd/m² (±10%) high brightness.
- built in Android 14 OS, and windows OS optional.
- 4mm protect glass and anti-scratch.
- 20 points touch, ≤5ms Response.
- With Built-In HDMI OUT slot.



Android 14



Zero Bonding Technology



Type - C Port



2 x 20 W Speakers



450 nits Brightness



Screen Recorder



9H Toughened Glass



60000* Hours Screen Life



Anti Glare Screen



Octo-Core Processor



1mm Writing Height



4K UHD Resolution



Reverse Screen Mirroring

Technical Specification

DISPLAY

Diagonal Size	247.6cm (98 inch)
Bonding Technology	Zero Bonding
Display Orientation	Landscape
Screen Type	TFT LCD (Direct-LED Back light)
Aspect Ratio	16:9
Pixel Pitch	0.5622 (H) X 0.5622 (W)
Response	≤8ms
Resolution	3840 x 2160 pixels
Contrast Ratio	5000:1 Dynamic, 1200:1 Static
Brightness(cd/m ²)	450 cd/m ² ±10%
Display Area	2158.848mm (H) x 1214.352mm (V)
Color	16.7 million colors
View Angle	H:178° V:178°
LED Lifespan	60,000* hours

SYSTEM

OS	Android 14
CPU	Octa-Core A55, 1.5 GHz
Chipset	Gk6760 V100
GPU	Quad-Core MaliG52
RAM	8GB
Storage	128GB

OSD Language	Hindi, English, Spanish, French, Italian, Russian, etc
Video Format	PAL, NTSC
Optimum Resolution	3840 x 2160 pixels @ 60 Hz
Video / Picture Decoding	- AVS2 MP-10@L8.2, 4Kx2K@60fps - ITU-TH.265 Main 10Profile@Level 5.1 High-tier, 4Kx2K@60fps - VP9 Profile 2 10-bit, 4Kx2K@60fps - SHVC, ATSC 3.0 (For H.265) - FHD HFR (For H.265) - H.264 AVC HP@L5.1 up to 4Kx2K@30fps - H.264 MVC up to 1080P@60fps - MPEG-1 MP/HL up to 1080P@60fps (ISO-11172) - MPEG-2 SP@ML,MP@HL, up to 1080P@60fps (ISO-13818) -Super-Clear, smooth edge -Support 3D detection -Support 2D to 3D -Support 0D/1D/2D Local Dimming -Support Ambi-Light -Support video rotation - AVS2 MP up to 4Kx2K@60fps - MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) - WMV / VC-1 SP/MP/AP up to 1080P@60fps - AVS-P16 (AVS+) / AVS-P2 JiZhun Profile up to 1080P@60fps - Multiple language and multiple format sub-title video support - MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918) - Supports JPEG thumbnail, scaling, rotation and transition effects - Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats
Video / Picture Encoding	Independent JPEG and H.264 encoder with configurable performance/ bit-rate - JPEG image encoding - H.264 video encoding up to 1080P@30fps with low latency
Support Resolution	3840x2160, 1920x1080, 1680x1050, 1600x1200, 1440x1050, 1360x768, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K

I/O PORT

Rear Input	TF Card x 1, USB2.0 x 2, HDMI in x 2, RS232 x 1, Touch USB x 1, Rj45 x 1, Line Out x 1, COAX x 1, Mic In x 1 HDMI Out x 1
Front Input	USB 3.0 x 2 (Both work on Android and OPS), HDMI In x 1, Touch USB x 1, Type-C x 1, Keys x 1

Media Format

Audio	Mp3, WMA, WAV, APE, FLAC, AAC, OGG, M4A,3GPP
Video	H.264,VP8, RV, WMV, AVS, H.263, MPEG4
Picture	JPG, BMP, PNG

Touch Features

Touch Type	Infra-red Touch, 20 Point Touch (Android), 40 Points (Windows)
Glass Hardness	9H (Pencil), 7 (Mohs)

Glass Type	4mm Mohs, Heat Tempered Glass, Explosion Proof, Anti Glare, etc
Response Time	≤5ms
Touch Object	All Opaque objects, such as Finger, Stylus Pen etc.
Touch Resolution	32768 x 32768 pixels
Touch Accuracy	1mm
Tracking Rate	4m/s
Scan Rate	200Hz
MTF	60million touch by each points
Minimum Touch Object	≥1MM
Essential Apps	Including Whiteboard, Annotate, Timer, Calculator, Split Screen, Record, Spinner, Screen Capture, Screen Record, Screen Share, Browser, PDF reader, Media Player, Screen Cast, etc.
Compatibility	Chrome OS
Audio	
Speaker	2 x 20W
MICROPHONE	
Microphone Type	Linear array microphone
Microphone Quantity	8
Noise Ratio	67db
Sensitivity	-26 ± 1db
Pickup Voice Distance	≤10meters
Sampling Rate	16KHz
Features	Echo Cancellation Environmental noise suppression Sound source localization Sound Source tracking Reverberation removal Support for automatic gain
CAMERA	
Optical Lens Size	1/3.06" COMS Sensor
Resolution	8000 x 6000 / 4160 x 3120 / 3840 x 2160 / 2560 x 1440 / 1920 x 1080 / 1280 x 720 / 1024 x 576 / 960 x 540 / 640 x 360
Pixel Dot	1.12um x 1.12um
Video Compressed Format	MJPEG / YUV / H.264 / H.265
3D Noise Reduction	Support multi-level noise reduction
Shutter Type	Electronic Rolling shutter
Noise Ratio	≥39dB
Dynamic Range	≥45dB
Maximum Frame Rate	30FPS
View Angel	D: 117°
Distort	≤6%
AEC/Gain/White Balance	Auto
Video Format	2160P, 1920P, 1080P, 720P, 480P etc.
Lens	2.8mm Fixed

Communication Type	UVC
AI Gesture	AI Camera - Show your  Finger in front of the camera to turn on or off the Voice & Body Tracking
Note	Camera Resolution 13 Megapixel Supports In Android & In Windows 48 Megapixel Max.

Panel Management (Optional)

Airgo DMS (Device Management System)	• Display Product information (Like Location, IP, MAC, Operation System Version, Specification etc.) • User management • Device management (Power on/off, Screen Lock, Sent Message, Program work flow) • Running log • Group management
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Physical Specifications

Handel	4
Panel Net Weight (Kg)	87.4±1Kg
Packed Weight (Kg)	128.55±1Kg
Panel Dimensions	2216mm x 1303mm x91.6mm (W x H x D) (Without Wall Mounting Bracket or Floor Stand)
Packed Dimensions	2525mm x 1700mm x 325mm (W x D x H)
VESA Mount Point mm	1000 x 400

Power

Power Requirements	AC 100 ~ 240V AC, 50/60Hz 6A
Energy Star Power Consumption	Normal ≤ 500W
Power Consumption (Standby)	≤ 0.5W
Ultra-Quiet Fan-less Design	Yes

Environmental

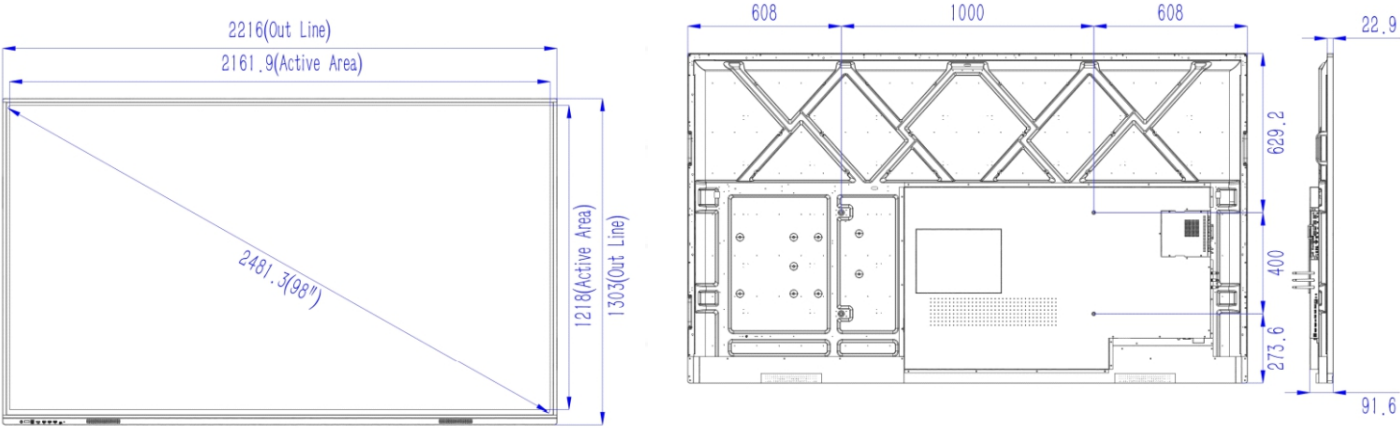
Operating Temperature	0°C to 40°C
Storage Temperature	-20° to 60°C
Operating Humidity	10% to 90% non-condensing humidity
Storage Humidity	10% to 90% non-condensing humidity

Packed Contents

Kit

1 x AiO ADPM , 1 x Remote Controller, 1 x Wall Mount Bracket,
2 x Stylus, 1 x Power Cable.

Dimensions



Additional Accessories (Optional) OPS ADPM

CPU

Option : Core i5 / Core i7

RAM

Option : 4GB, 8GB, 16GB

Hard Disk

SSD 128GB~2TB or HDD 500GB~4TB