

SUPRA Board 278.13cm (110 inch) 8GB/128GB Built-in-Camera



Automatic Data Processing Machine



FEATURES

- Ultra Resolution Output.
- 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.
- 400 cd/m² (±10%) high brightness.
- built in Android OS with optional windows 10 OS.
- 4mm protect glass and anti-scratch.
- 20 points touch, ≤5ms response.

Zero Bonding Technology	Type-C Port	2 x 20W Speakers	400 nits Brightness
Screen Recorder	9H Toughened Glass	60000+ Hours Screen Life	Anti Glare Screen
Bluetooth Connectivity	1mm Writing Height	4K UHD Resolution	Reverse Screen Mirroring

TECHNICAL SPECIFICATION

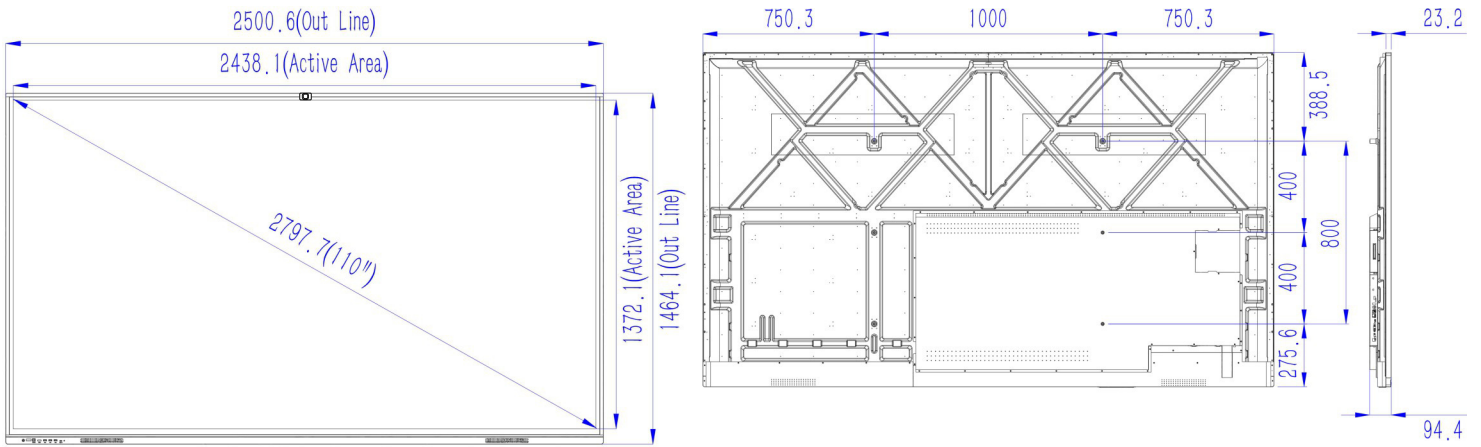
DISPLAY	
Diagonal Size	278.13cm (110 inch)
Bonding Technology	Zero Bonding
Display Orientation	Landscape
Screen Type	TFT LCD(Direct-LED Backlight)

Aspect Ratio	16:9
Pixel Pitch	0.9987 (H) X 0.9987 (W)
Response	≤8ms
Resolution	3840 x 2160 pixels
Contrast Ratio	5000:1 Dynamic, 1200:1 Static
Brightness(cd/m ²)	400cd/m ² ±10%
Display Area	2438mm(H) x 1372mm(V) (96 x 54 in)
Color	16.7 million colors
View Angle	H:178° V:178°
LED Lifespan	60,000* hours
SYSTEM	
OS	Android 14
CPU	Quad Core Cortex-A37, 1.4 GHz
Chipset	Pro-9679
GPU	Mali-G52 MP2 (2EE)
RAM	8GB
Storage	128GB
OSD Language	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)
	-SuperClear, 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	HDMI2.0 x 2, USB3.0 x 1, USB2.0 x 2 , SPDIF x 1, RS232 x 1, Touch USB x 1, Rj45
Front Input	Line in/Mic in(3.5mm) x 1, Line Out/Earphone(3.5mm) x 1. USB 3.0 x 3 (Both work on Android and OPS) , HDMI2.0 x 1, Touch USB x 1, Type-C x 1, Light Sensor 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	48 Mega pixel (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 FEATURES	
AI Gesture	Closely Place your plam in front of the camera to turn ON or OFF the
	Voice & Body Tracking AI Camera
Note	Camera Resolution 13 Megapixel Shows In Android & Windows
	48 Megapixel Max.
PANEL MANAGEMENT (OPTIONAL)	
OTA	Yes
DMS	• Display Product information (Like Location, IP,MAC, Operation
(Device Management	System version Specification etc.)
System)	• User management
	• Device management(Power on/off, Screen Lock, Sent Message,
	Program work flow,
	• Running log
	• Group management
Own APK Store Market	Manage private APK store market
PHYSICAL SPECIFICATIONS	
Handel	4
Panel Net Weight (Kg)	86 KG
Packed Weight (Kg)	98 KG
Panel Dimensions	2500mm x 1464.1mm x 94.4mm (W x H x D)
	(without Wall Mounting Bracket or Floor Stand
Packed Dimensions	2680mm x245mm x 1690mm
VESA Mount Point mm	1000 x 800
POWER	
Power Requirements	AC 100 ~ 240V AC, 60/50Hz
Energy Star Power Consumption	Normal ≤750W
Power Consumptions (standby)	≤ 0.5W
Ultra-Quiet Fanless Design	Yes
ENVIRONMENTAL	
Operating Temperature	0°C to 40°C(32°F to 104°F)
Storage Temperature	-15° to 55°C(-5°F to 131°F)
Operating Humidity	20% to 80% non-condensing humidity
Storage Humidity	20% 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.

OTHER	
Option	Floor Stand Bracket
Certification	BIS, CE, FCC, RoHS
DIMENSION	



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

*** Note: Product specification are subject to change without prior notice.**

(Unit : mm)