

## ETrueBoard 138.7cm (55 inch) 8GB/128GB



 android 14

### FEATURES

- Ultra Resolution Output.
- Zero bonding technology for natural writing experience.
- Front audio stereophonic speakers.
- Industrial grade aluminum frame.
- Multiple signal input HDMI, SPDIF, RS232, AV I/O, Earphone.
- Infrared touch technology for rich writing experience.
- Password Lock protected.
- 400cd/m<sup>2</sup> ±10% high brightness.
- Built in Android OS with optional windows OS.
- 4mm protect and anti-scratch glass.
- 20 Point Touch. ≤5ms response.



Zero Bonding Technology



Type-C Port



2 x 15W Speakers



400 nits Brightness



Screen Recorder



9H Toughned Glass



60000+ Hours Screen Life



Anti Glare Screen



Bluetooth Connectivity



1 mm Writing Height



4K UHD Resolution



App & Tool Lock Feature



Reverse Screen Mirroring

### TECHNICAL SPECIFICATION

**Product Code**

**T291203-A**

#### DISPLAY

Diagonal Size	138.7cm (55 inch)
Bonding Technology	Zero Bonding
Display Orientation	Landscape
Screen Type	TFT LCD(Direct-LED Backlight)
Aspect Ratio	16:9
Pixel Pitch	0.28 (H) X 0.28 (W)
Response	≤8ms
Resolution	3840 x 2160 pixels
Contrast Ratio	5000:1 Dynamic, 1200:1 Static
Brightness(cd/m <sup>2</sup> )	400cd/m <sup>2</sup> ±10%
Display Area	1209mm(H) x 680mm(V) (47.6 x 26.8 in)
Color	16.7 million colors
View Angle	<b>H:178° V:178°</b>
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	<ul style="list-style-type: none"> <li>- AVS2 MP-10@L8.2, 4Kx2K@60fps</li> <li>- ITU-TH.265 Main 10Profile@Level 5.1 High-tier, 4Kx2K@60fps</li> <li>- VP9 Profile 2 10-bit, 4Kx2K@60fps</li> <li>- SHVC, ATSC 3.0(For H.265)</li> <li>- FHD HFR(For H.265)</li> <li>- H.264 AVC HP@L5.1 up to 4Kx2K@30fps</li> <li>- H.264 MVC up to 1080P@60fps</li> <li>- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)</li> <li>- MPEG-2 SP@ML,MP@HL, up to 1080P@60fps (ISO-13818)</li> <li>-SuperClear, smooth edge</li> <li>-Support 3D detection</li> <li>-Support 2D to 3D</li> <li>-Support 0D/1D/2D Local Dimming</li> <li>-Support Ambi-Light</li> <li>-Support video rotation</li> <li>- AVS2 MP up to 4Kx2K@60fps</li> <li>- MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)</li> <li>- WMV/VC-1 SP/MP/AP up to 1080P@60fps</li> <li>- AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps</li> <li>- Multiple language and multiple format sub-title video support</li> <li>- MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)</li> <li>- Supports JPEG thumbnail, scaling, rotation and transition effects</li> <li>- Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats</li> </ul>
Video / Picture Encoding	<ul style="list-style-type: none"> <li>- Independent JPEG and H.264 encoder with configurable performance/bit-rate</li> <li>- JPEG image encoding</li> <li>- H.264 video encoding up to 1080P@30fps with low latency</li> </ul>
Support Resolution	3840x2160, 1920x1080, 1680x1050, 1600x1200, 1440x1050, 1360x768, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K
<b>I/O Port</b>	
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 Line in/Mic in(3.5mm) x 1, Line Out/Earphone(3.5mm) x 1.
Front Input	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
<b>Media Format</b>	
Audio	MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A,3GPP
Video	H.264,VP8, RV, WMV, AVS, H.263, MPEG4
Picture	JPG, BMP, PNG
<b>Touch Features</b>	
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
<b>Audio</b>	
Speaker	2 x 15W
<b>Panel Management (Optional)</b>	
OTA	Yes
DMS (Device Management System)	<ul style="list-style-type: none"> <li>• Display Product information (Like Location, IP,MAC, Operation System version,Specification etc.)</li> <li>• User management</li> <li>• Device management(Power on/off, Screen Lock, Sent Message, Program work flow,</li> <li>• Running log</li> <li>• Group management</li> </ul>
Own APK Store Market	Manage private APK store market
<b>Physical Specifications</b>	
Handel	No
Panel Net Weight (Kg)	24.5 KG
Packed Weight (Kg)	33.4 Kg
Panel Dimensions	1271.9mm x 769.1mm x 85.5mm (W x H x D) (without Wall Mounting Bracket or Floor Stand)
Packed Dimensions	1380mm x 200mm x 900mm (W x H x D)
VESA Mount Point mm	400 x 300
<b>Power</b>	
Power Requirements	AC 100 ~ 240V AC, 60/50Hz
Energy Star Power Consumption	Normal ≤120W
Power Consumptions (standby)	≤ 0.5W
Ultra-Quiet Fanless Design	Yes
<b>Environmental</b>	
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

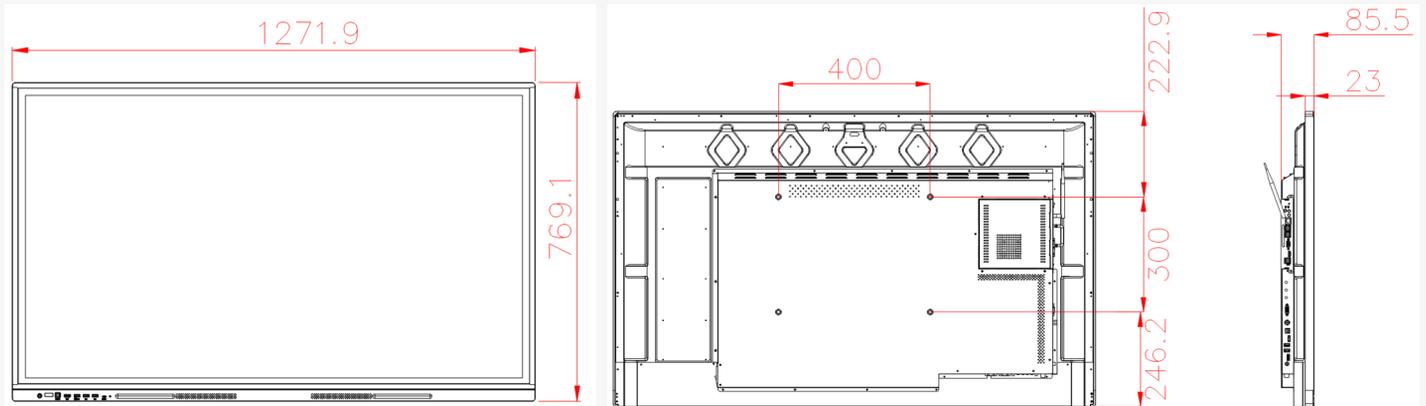
Kit 1 x AiO ADPM , 1 x Remote Controller, 1 x Wall Mount Bracket,  
2 x Stylus, 1 x Power Cable.

### 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 specifications are subject to change without prior notice.

(Unit:mm)