AiO INTERACTIVE FLAT PANEL DISPLAY

Trueview®

TrueBoard 75 inch (4GB/32GB) T29864-A

FEATURES

- Ultra Resolution Output.
- Zero bonding technology for natural writing experience.
- Front audio stereophonic speakers.
- Industrial grade aluminium frame.
- Multiple signal input HDMI, SPDIF, RS232, AV I/O, Earphone.
- Infrared touch technology for rich writing experience.
- Password Lock protected.
- 450 cd/m² ± 5% high brightness.
- Built in Android OS with optional windows 10 OS.
- 4mm protect and anti-scratch glass.
- 20 Point Touch. ≦5ms response.

Android 13

| Zero Bonding Techonology | Type-C Port | 2 x 20W Speakers | 450 nits Brightness | Screen Recorder | 7 MOHS 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 |

DISPLAY

Screen Size	75"
Resolution	3840 x 2160
Bonding Technology	Zero Bonding
Display Orientation	Landscape
Screen Type	TFT LCD (Direct-LED Backlight)
Blue Light Reduction	Yes
Pixel Pitch	0.4296 (W) x 0.4296 (H)
Aspect Ratio	16:9
Display Area	1652mm (W) x 930mm (H) (65 x 36.6 in)
LCD Viewing Angle	178° H/V
Response	8ms
Refresh Rate	60Hz
LED Lifespan	60,000* Hours
Contrast Ratio	5000:1 Dynamic, 1200:1 Static
Brightness	450 cd/m² (±5%)
Glass Hardness	9H (Pencil), 7 (Mohs)
Glass Type	Heat tempered, Anti-Glare

TOUCH FEATURES

Touch Type	Infrared touch, 20 points touch (Android), 40 points (Windows)
Response Time	≤5ms
Touch Object	All Opaque object, such as Finger, pen etc.

Touch Resolution	32768 x 32768px
Touch Accuracy	1mm
Tracking Rate	4m/s
Scan Rate	200Hz
COMPUTING	
Operating System	Android 13
RAM	4GB
Internal Storage	32GB
CPU	Amlogic T982, Quad Core ARM Cortex-A55 CPU, 1.9 GHz
GPU	Mali-G52 MP2 (2EE)
UI Language	English, Hindi, Gujrati, Kannada, Telgu.
	- AV1 MP-10 @L6.0 / 5.1 up to 8K x 4K @30fps or 4K x 2K @60fps
	- H.265 HEVC MP-10 @L5.1 up to 8K x 4K @30fps or 4K x 2K @60fps
	- VP9 Profile 2 up to 8K x 4K @30fps or 4K x 2K @60fps
	- AVS2 MP up to 4K x 2K@60fps
	- H.264 AVC HP@L5.1 up to 4Kx2K@30fps
	- H.264 MVC up to 1080P@60fps
	- MPEG-4 ASP@L5 up to 1080P@60fps
	- WMV/VC-1 SP / MP / AP up to 1080P@60fps
	- AVS-P16 (AVS+) / AVS-P2 JiZhun Profile up to 1080P@60fps
	- MPEG-2 MP / HL up to 1080P@60fps
	- MPEG-1 MP / HL up to 1080P@60fps
	- Multiple language and multiple format sub-title video support
	- MJPEG and JPEG unlimited pixel resolution decoding
	- Supports JPEG thumbnail, scaling, rotation and transition effects
	- AVS-P16 (AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps
	- Supports *.mkv,*.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats
Video / Picture Decoding	- 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
SPEAKER	
Dual Front-Facing Speakers	2 x 20W
NETWORK	
LAN in(RJ45)	10/100Mbps
Wake-on-LAN	Yes
Wi-Fi	IEEE802.11A/b/g/n/ac,2.4G, 5G
Bluetooth	5.0
CONNECTIVITY	
HDMI In (Rear)	2 x HDMI 2.0 version
Line In / Mic In (3.5mm)	1
Line Out / Earphone (3.5mm)	1
USB-B 3.0 (Rear)	1
USB-B 2.0 (Rear)	2
USB-A 2.0 (Touch out Rear)	1
Smart USB-B 3.0 (Front)	3 (Both work on Android and OPS)

HDMI in (Front)	1 x HDMI 2.0 version
USB-C 2.0 (Type-C Front)	1 (Work as USB 2.0)
USB-A 2.0(Touch Front)	1
Light Sensor	Yes
NFC (Near-field communication)	Optional

PANEL MANAGEMENT

OTA	Yes
MDM (Multiple Display Management)	• IFPD information (IFPD Location, IP, MAC, Operation System version, Specification etc.)
	• User management
	• IFPD Device management (Power on / off, Screen Lock, Sent Message, Program work flow, Setting Parameters, Install / Uninstall APK, Upgrade firmware etc)
	• Running log
	• Group management
Own APK Store Market	Manage private APK store market

PHYSICAL SPECIFICATIONS

Handle	2
Panel Net Weight (Kg)	62
Packed Weight (Kg)	72
Panel Dimensions (W x H x D)mm	1717.4mm x 1025mm x 94.9mm
Packed Dimensions (W x H x D)mm	1850mm x 200mm x 1130mm
VESA Mount Point mm	641.6 x 460
Housing	3 Black 1 Silver

POWER

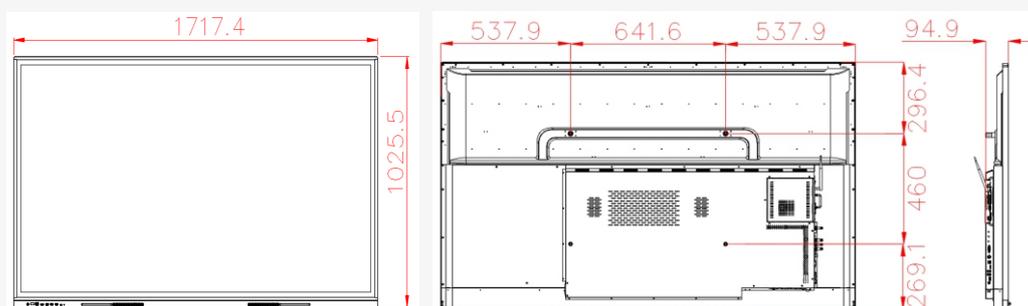|	
Power Requirements	100V ~ 240V AC, 50/60HZ
Energy Star Power Consumption	≤250W (without OPS)
Power Consumptions (Standby)	≤0.5W
Ultra-Quiet Fanless Design	Yes

ENVIROMENTAL

Operating Temprature	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*IFPD Panel, 1*Remote Controller, 1*Wall Mount Bracket, 2*Stylus, 1*Power Cable, 1*Touch cable

TECHNICAL DRAWING

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