

TrueBoard 65 inch (8GB/128GB) With Built-In AI Camera T29899-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



DISPLAY

| | |
|----------------------|---------------------------------|
| Screen Size | 65" |
| Resolution | 3840 x 2160 |
| Bonding Technology | Zero Bonding |
| Display Orientation | Landscape |
| Screen Type | TFT LCD (Direct-LED Backlight) |
| Blue Light Reduction | Yes |
| Bonded Glass | Yes |
| Aspect Ratio | 16:9 |
| Display Area | 1429mm x 804mm (56.3 x 31.7 in) |
| LCD Viewing Angle | 178° H / V |
| Response | ≤5ms |
| Refresh Rate | 60Hz |
| LED Lifespan | 60,000* Hours |
| Contrast Ratio | 5000:1 Dynamic, 1200:1 Static |
| Brightness | 450 cd/m ² ± 5% |
| Glass Hardness | 9H (Pencil), 7 (Mohs) |
| Glass Type | Heat tempered, Anti-Glare |

COMPUTING

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|------------------|------------|
| Operating System | Android 13 |
| RAM | 8GB |
| Internal Storage | 128GB |

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| CPU | Amlogic T982, Quad Core ARM Cortex-A55 CPU, 1.9 GHz |
| GPU | Mali-G52 MP2 (2EE) |
| UI Language | English, Hindi, Telugu, Urdu, Gujarati, Kannada |
| Video Decoding | <ul style="list-style-type: none"> - 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 4K x 2K @30fps - H.264 MVC up to 1080P @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 - MPEG-2 MP / HL up to 1080P @60fps (ISO-13818) - MPEG-1 MP / HL up to 1080P @60fps (ISO-11172) - 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 - 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 |
| Picture Decoding | <ul style="list-style-type: none"> - 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







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|----------------------------|---------|
| Dual Front-facing Speakers | 2 x 20W |
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MICROPHONE

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|-----------------------|---|
| Microphone Type | Linear array microphone |
| Microphone quantity | 8 |
| Noise Ratio | 67db |
| Sensitivity | -26 ± 1db |
| Pickup Voice Distance | ≤10meters |
| Sampling Rate | 16KHz |
| Features | <ul style="list-style-type: none"> Echo Cancellation Environmental noise suppression Sound source localization Sound Source tracking Reverberation removal Support for automatic gain |

CAMERA

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|-------------------------|---|
| 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 | MJPG / YUV / H.264 / H.265 |
| 3D noise Reduction | Support multi-level noise reduction |
| Shutter Type | Electronic Rolling shutter |

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|------------------------|---|
| 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 |
| Face Tracking | Real time intelligent tracking and detection of all faces within the visible range, and adjusting the view to maintain a centered display of people within the framework |
| Body Tracking | Real time intelligent tracking and detection of all human body within the visible range, and adjusting the view to maintain a centered display of people within the framework |
| Voice Tracking | Real time intelligent tracking and detection of speakers within the pickup range, and adjusting the view to keep the host centered display |
| Gesture |  ON  Enable Face and Body tracking  SSL  Enable voice tracking  OFF  AI off |
| Note | Camera Resolution 13 Megapixel Shows In Android & Windows 48 Megapixel Max. |

NETWORK

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| LAN in(RJ45) | 10 / 100Mbps |
| Wake-On-LAN | Yes |
| Wi-Fi | IEEE802.11A / b / g / n / ac, 2.4G, 5G |
| Bluetooth | 5.0 |

CONNECTIVITY

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|--------------------------------|----------------------------------|
| 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 |
| 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) |
| Light Sensor | Yes |
| NFC (Near-Field Communication) | Optional |

PANEL MANAGEMENT

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|-----------------------------------|---|
| OTA | Yes |
| MDM (Multiple Display Management) | <ul style="list-style-type: none"> • 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

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|----------------------------------|-----------------------------|
| Handel | 2 |
| Panel Net Weight (Kg) | 36 |
| Packed Weight (Kg) | 42.5 |
| Panel Dimensions (W x H x D) mm | 1490.8mm x 921.5mm x 89.6mm |
| Packed Dimensions (W x H x D) mm | 1610mm x 200mm x 1020mm |
| VESA Mount Point mm | 400 x 300 |

POWER

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|-------------------------------|-------------------------|
| Power Requirements | 100V ~ 240V AC, 50/60HZ |
| Energy Star Power Consumption | ≤145W (without OPS) |
| Power Consumptions (standby) | ≤0.5W |
| Ultra-Quiet Fanless Design | Yes |

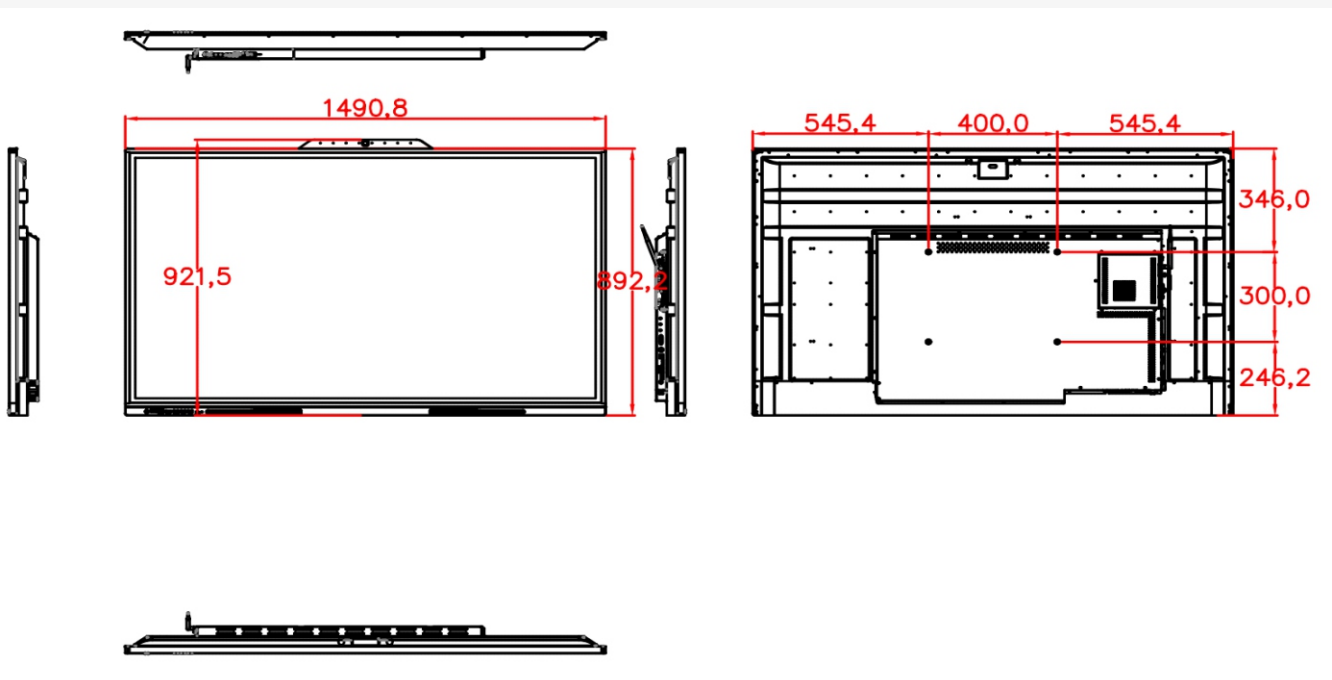
ENVIROMENTAL

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|-----------------------|------------------------------------|
| 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

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|-----|---|
| Kit | 1 x IFPD Panel, 1 x Remote Controller, 1 x Wall Mount Bracket, 2 x Stylus, 1 x Power Cable. |
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TECHNICAL DRAWING



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