Tanix®

Oranth®

ANDROID TV BOX

All-In-One Solution Provider

10+ EXPERIENCE

Oranth has **10+** years of experience in designing and manufacturing OTT and IPTV boxes

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About Us

Established in 2014, Shenzhen Oranth Technology Develop Co., Ltd. is an industry leader specializing in research, development, production, integration, and sales of OTT and IPTV boxes.

Located in Shenzhen, our factory covers 4000m^2 with advanced production lines for assembly, packaging, testing, and SMT workshops. With a professional R&D team, we provide comprehensive ODM/OEM customization services, including PCBA design and software/hardware customization. We have more than 30 hardware and software engineers who are capable of developing customized solutions utilizing Amlogic, Allwinner, and Rockchip technologies. Our new business direction offers customers one-stop solutions for product planning, development,material procurement, production, processing, testing certification, and after-sales service.

Oranth stands as the original manufacturer and brand owner of the globally recognized Tanix TV Box, renowned for its outstanding reputation.

Customization Services

Boot-Up Wizard

Boot Animation
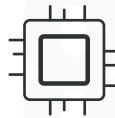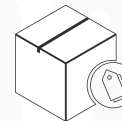
App Store

Launcher Customization

Function Settings

UI/UX Designs

Firmware Customization

Hardware Customization

Branding and Packing

Tanix Products

Model: W2

Amlogic S905W2

CPU
64-bit Quad Core ARM® Cortex™ A35

GPU
G31™ MP2

OS
Android 11

RAM
DDR3/LPDDR4 2GB/4GB

ROM
eMMC 16G/32G/64G

Wi-Fi
IEEE 802.11 a/b/g/n/ac

Ethernet
10/100Mbps standard RJ45

Model: TX1

Allwinner H313/RK3228A(Optional)

CPU	GPU	OS
Quad Core ARM® Cortex™ A53	G31™ OPenGL ES3.2	Android 10
RAM	**ROM**	**Wi-Fi**
eMCP 1GB/2GB	eMCP 8G/16G	IEEE 802.11b/g/n

Model: TX2

Allwinner H618

CPU	GPU	OS
64-bit Quad Core ARM® Cortex™ A53	G31™ MP2	Android 12
RAM	**ROM**	**Wi-Fi**
LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 b/g/n/ac/ax

Model: A3

RK3528/Allwinner H313(Optional)

CPU	GPU	OS
Quad core ARM Cortex-A53	ARM Mali-450 GPU	Android 13
RAM	**ROM**	**Wi-Fi**
DDR3 2GB/4GB	eMMC 8G/16G/32G	IEEE 802.11 b/g/n/ac/ax

4

Model: TX3 mini+

Amlogic S905W2

CPU	GPU	OS
64-bit Quad Core ARM® Cortex™ A35	G31™ MP2	Android 11
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 a/b/g/n/ac

Model: TX3 Plus

Amlogic S905W2

CPU	GPU	OS
Quad Core ARM® Cortex™-A35	G31™ MP2	Android 11
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 a/b/g/n/ac

Model: TX3

Amlogic S905X3

CPU	GPU	OS
64-bit Quad Core ARM® Cortex™ A55	G31™ MP2	Android 9
RAM	**ROM**	**Wi-Fi**
DDR3 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 a/b/g/n

Model: TX3 Max

Allwinner H618

CPU	GPU	OS
64-bit Quad Core ARM® Cortex™ A53	G31™ MP2	Android 12
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 b/g/n/ac/ax

Model: TX12

Amlogic S905Y4

CPU	GPU	OS
64-bit Quad Core ARM® Cortex™ A35	ARM® Mali-G31™ MP2 GPU OpenGL	Android 11
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 a/b/g/n/ac

Model: TX4

Amlogic S905X4

CPU	GPU	OS
64-bit Quad Core ARM® Cortex™ A55	G31™ MP2	Android 11
RAM	**ROM**	**Wi-Fi**
DDR3 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 a/b/g/n/ac

Model: TX6

Allwinner H616

CPU	**GPU**	**OS**
64-bit Quad Core ARM® Cortex™ A53	G31™ MP2	Android 10
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 8G/16G/32G/64G	IEEE 802.11 a/b/g/n

Model: TX6S

Allwinner H616

CPU	**GPU**	**OS**
64-bit Quad Core ARM® Cortex™ A53	G31™ MP2	Android 10
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 8G/16G/32G/64G	IEEE 802.11 a/b/g/n

Model: TX68

Allwinner H618

CPU	**GPU**	**OS**
64-bit Quad Core ARM® Cortex™ A53	G31™ MP2	Android 12
RAM	**ROM**	**Wi-Fi**
DDR3/LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.1.1 b/g/n/ac/ax

Tanix Android TV Stick

Model: TX8

Allwinner H313

CPU	GPU	OS
Quad Core ARM® Cortex™ A53	G31™ OPentGL ES3.2	Android 10

RAM	ROM	Wi-Fi
eMCP 1GB/2GB	eMCP 8G/16G	802.11 b/g/n

Model: TX9

Amlogic S905Y4

CPU	GPU	OS
Quad Core ARM® Cortex™-A35	ARM® Mali-G31™	Android 11

RAM	ROM	Wi-Fi
LPDDR4 2GB/4GB	eMMC 16G/32G/64G	IEEE 802.11 a/b/g/n/ac

KICKPI Products

Model: KP1

Amlogic S905Y4

CPU
Quad Core Cortex™ A35

GPU
ARM Mali-G31MP2

OS
Android™ 11

RAM
LPDDR4 2GB

ROM
eMMC 32GB

Wi-Fi
802.11 b/g/n/ac 2.4G/5G Wi-Fi 5

Ethernet
10/100Mbps standard RJ45

KICKPI Development Board

We offer high-quality embedded system development boards.
We are committed to providing leading hardware platforms for software developers, engineers, and makers, enabling them to rapidly and efficiently develop new applications, prototype designs, and embedded systems.
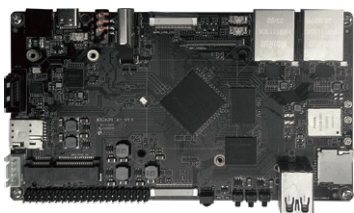
Model: K1

Rockchip RK3568B2| Robust Solution

CPU	GPU	DDR	EMMC	SYSTEM	NETWORK	DISPLAY	STORAGE
Quad Core Cortex-A55	Mali G52	2G/4G/8G	8G/16G/32G/64G	Android13.0 Debian11 Ubuntu2204	1000M Ethernet X2/ Mobile 4G/WIFI/BT	HDMI/MIPI DSI/ LVDS/EDP	M.2 SSD SATA3.0 SD Card
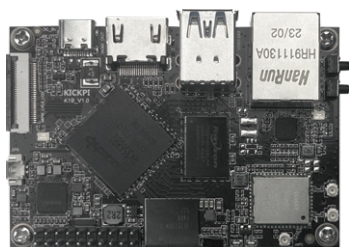
141x82mm

Model: K1B

Rockchip RK3568B2|Compact Size

CPU	GPU	DDR	EMMC	SYSTEM	NETWORK	DISPLAY
Quad Core Cortex-A55	Mali G52	2G/4G/8G	8G/16G/32G/64G	Android13.0 Debian11 Ubuntu2204	1000M Ethernet/ WIFI/BT	HDMI/MIPI DSI/ LVDS
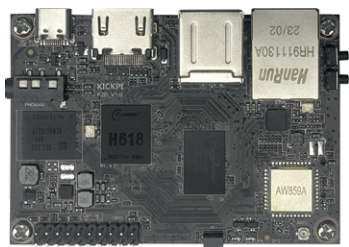
81x55mm

## Model: K2B

Allwinner H618|Cost-Effective Solution

CPU	GPU	DDR	EMMC	SYSTEM	NETWORK	DISPLAY
Quad-core Cortex-A53 (up to 2.0GHz)	Mali G31 MP2	1G/2G/4G	8G/16G/32G	Android12.0 Ubuntu2204	1000M Ethernet/ WIFI/BT	HDMI

81x55mm

Middleware Oranth TV

The most comprehensive OTT/IPTV platform | Integrated solution | Mobile TV application | Multi-scenario | Global CDN.

Our product line will now include expanded middleware support for M3U, Xtream, Stalker, and other protocols, catering to the diverse needs of IPTV customers. This strategic development is designed to significantly enhance the overall user experience, ensuring seamless compatibility with a wide range of platforms and protocols.

- Advertising (management system)
- Smart home and Internet of Things
- Live TV and interactive broadcasting
- News and notifications
- User management
- Subscriptions and billing
- Shopping TV
- Cloud gaming
- Video on demand (VOD)
- Multi-screen clients (iOS, Android, PC)
- Channel management
- Application integration
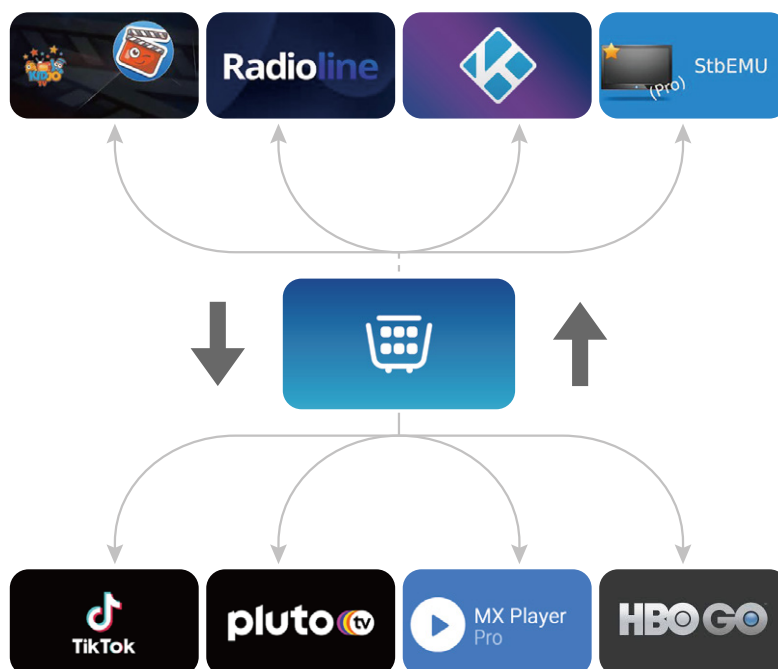
Terminal Management System(TMS)

We have developed the next-generation Terminal Management System that enables IPTV/Signage operators to manage their client boxes easily. This system allows for functions such as activating/deactivating boxes, troubleshooting, and retrieving logs. It also facilitates the deployment of applications and broadcasting information.
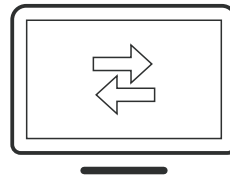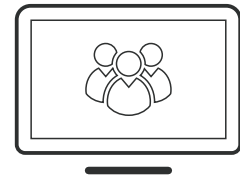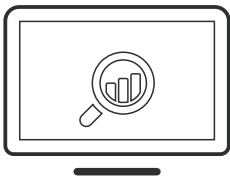For signage operators, it allows them to schedule each box's operation time and monitor their status.
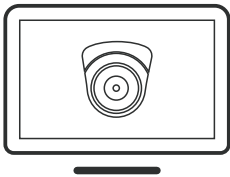
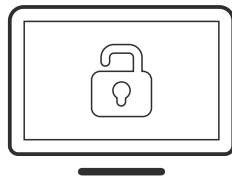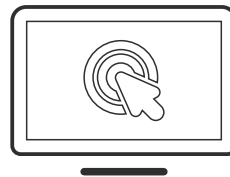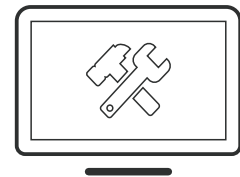Device Monitoring
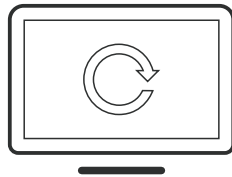
Firmware Updates

Remote Control

User Management

Analytics
and Reporting

Security
and Access Control

Troubleshooting
and Diagnostics

Customization
and Branding

Tanix Certifications

Tanix provides all the essential licenses and certifications required for each customer in their territories.
We focus on offering products that maintain a high level of compliance with all relevant industry standards. Any special requirements can be fulfilled on a project basis.

We are compliant with many worldwide standards including:

01 **ISO9001 Certificate**
Ensures product quality, consistency, and customer satisfaction through strict quality management.

02 **Digital Rights Management (DRM) Certification**
Widevine L1 DRM: Provides advanced content protection, allowing content providers to securely distribute.

03 **HDMI Certification**
HDMI: Provides a reliable and high-quality connection for audio and video output.

04 **CE and FCC Compliance**
CE/FCC: Android TV box meets regulatory requirements for safety, electromagnetic compatibility, and other essential standards.

05 **Wi-Fi Certifications**
Certifications for wireless connectivity ensure that the Android TV box meets industry standards for wireless communication.

06 **Environmental and Health Protection**
REACH: Production and use of chemical substances.
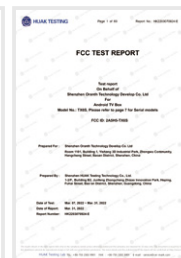
Tanix®

PROFESSIONAL OEM & ODM MANUFACTURER
for Android OTT & IPTV Box

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