

Zenax – Turnkey Streaming Solution

A complete IPTV platform combining secure content delivery, instant app branding, and cost-saving P2P technology giving you full control from server to screen

Zenax Base

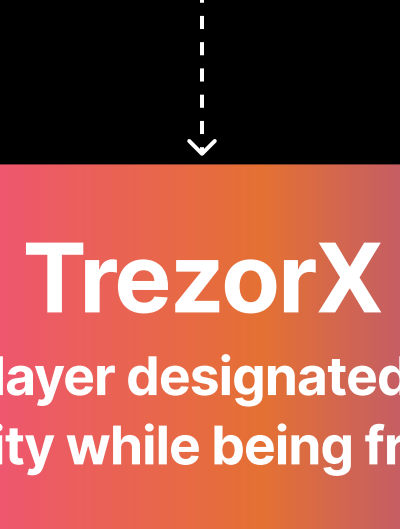
Powerful Media Server with CMS

Zenax MW

The control center for app and content security

Zenax P2P

Your friend with benefit for cost saving



TrezorX

Media player designated for high security while being friendly

Zenax Base

Zenax-Base is a Media Server and CMS designed to integrate with Zenax Middleware, enhancing security, streaming efficiency, and content management.

Media Server Capabilities

- Efficient Content Streaming
- Adaptive Bitrate Streaming
- Load Balancing Support
- Transcoding & Encoding

CMS

- Centralized Control Panel
- Automated Content Ingestion
- User & Role Management
- M3U Export (standalone)

Security & Compatibility with Zenax-MW

- Encryption & Tunneled Traffic
- Secure Content Distribution
- Geo-blocking & IP Restrictions

Scalability & Performance

- Unlimited Main & Load Balancers
- Multi-Server Support
- Fast Technical Support

Integration between Zenax Base and Zenax MW is essential to unlock security features and a protected scalable streaming experience.

Zenax MW

Zenax Middleware powers Zenax-Base with advanced security, efficient content delivery, and scalability, ensuring a seamless streaming experience.

Advanced Security

Zenax provides robust protection against unauthorized access and potential threats, ensuring that streaming content remains secure and exclusive to intended audiences.

Efficient Content Delivery

The platform is optimized for low latency and minimal buffering, delivering a smooth streaming experience. Its architecture supports peer-to-peer (P2P) distribution, which can reduce server load and enhance delivery efficiency.

Scalability

Zenax Middleware is designed to scale effortlessly, accommodating growing audiences and increasing demand without compromising performance.

Variety of options

Service providers can enjoy full control over dealers or users based on their needs. Also brings more value with Quick rebranding options for each dealers.

Zenax offers various service packages tailored to different business needs, including options like Zenax-Base, Zenax-MW, and Zenax-P2P, each providing distinct features and pricing structures.

Zenax P2P

Zenax-P2P enhances streaming by distributing bandwidth among viewers, reducing server reliance and optimizing cost, scalability, and performance.

Hybrid P2P Technology

- Software-Based P2P
- TZBox (Hardware-Based P2P)
- Adaptive Bandwidth Optimization

Content Distribution

- Reduces Server Load
- Seamless Integration
- Supports Large Audiences

Security & Performance

- 4-Layer Security Architecture
- Tunneled Traffic & Encryption
- Managed control of P2P in action

Customization & Branding

- Rebranded Player Apps from MW
- Customizable P2P boxes

Zenax-P2P is a cost-effective CDN alternative, enabling software and hardware-assisted P2P streaming. It reduces costs, ensures high-quality delivery, and integrates seamlessly with Zenax-Base and Zenax-MW for secure, scalable distribution.

Sample Pricing

Zenax Base Only

Ideal for new startups with low number of users and not needing security or in transition

Features	Availability	Remarks
Multi-Main and Load Balancers	Yes	Unlimited
External usage M3U Export	Yes	Not Secured by Zenax MW
Zenax MW Compatibility	Yes	3 Layers Security
Migration Ability	Yes	XC Based Preferred
Proxy	Yes	Recommended
Tech Support	Yes	Fast and Early
Price		USD\$ 500/mo

Operator Middleware

Ideal for business owners who has a lot of resellers and also end users

Type of MW Account	Features	Available
Operator	Reseller/Dealer - Sub Dealer Full Control	Yes
	Branded Apps	Yes
	P2P Panel	Yes
Item	Details	Price
MW Operator Panel	Administrative control over resellers with custom Quota (\$XX* X resellers)	\$XXX/mo
P2P Panel	P2P panel Access for all reseller's profiles	\$XXX/mo
Active users per month	Single bill for all end users to the Operator including users from Dealers	\$0.20/mo per active user
Total Price		USD\$XXX/mo + \$0.20 per active user/mo

Service Owner/Provider = Operator

↓
Reseller A, B, C, D, E, F, G

↓
End Users from Resellers and Sub Resellers

Each Reseller can get a Dealer account on MW from an Operator and have Profile(s) making each profile a Branded APP and also each profile can be chosen whether P2P enabled or not by the Operator.

Sub-dealer under dealer's are not charged.

Depending on the number of Dealers or Profiles a service provider may need or the number of P2P enabled profile we try to tailor a reasonable and affordable pricing.

Please contact sales to get your tailored plan by sharing your requirement.

TZBOX

TZBox is a hardware-based solution that enhances Zenax-P2P by optimizing bandwidth, reducing server reliance, and lowering costs. As a peer-assisted node, it ensures secure, scalable, and high-quality streaming through seamless Zenax-Base and Zenax-MW integration.

Specification	Media Player
System Resources Operating System: TZBOX OS: Based on Android 9 (Pie, API level 28) Main Chipset: Amlogic S90X3, Quad Core ARM Cortex A53 Processor Advanced architecture with Neve and Cortex extensions Unified system 3.3 cache Advanced TrustZone security system ARM G1 MP2 GPU OpenCL 3.0, Vulkan 1.0 and OpenGL 3.0 support eMMC local memory: 32GB/64GB System Memory: 2GB/4GB	
Video & Image Decoding • Amlogic Video Engine (AVE) with dedicated hardware decoders and encoders • VP9 Profile 44 to AV1@60FPS • H.265 HEVC up to 1080P@60FPS • H.264 Profile 44 to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS • H.264 AAC@60FPS up to AV1@60FPS	
Audio Decoding • Supports MP3, AAC, HEAAC, AAC, FLAC, Ogg and programmable with 7.1/5.1 surround • Built-in stereo audio DAC	
Power Supply Type & Power Consumption: External Adapter, AC/DC 5V 2A / 5000mAh Built-in stereo audio DAC	
WiFi & Bluetooth Built-in Type: Dual-band WiFi (2.4G / 5G) & Bluetooth 5.1	
Physical Specification Size: 160 x 100 x 25 mm (6.3" x 3.9" x 1.0") Weight (GSM): 150g Operating Temperature: 0°C to +45°C Storage Temperature: -10°C to +55°C	
Accessory 1 x RCU 1 x HDMI 2.0 Cable 1 x AC/DC 5V 2A Adapter	

Available in bulk orders only!
Samples and pricing available for boarded clients only.

