YUAN
Visualize Intelligent Planet

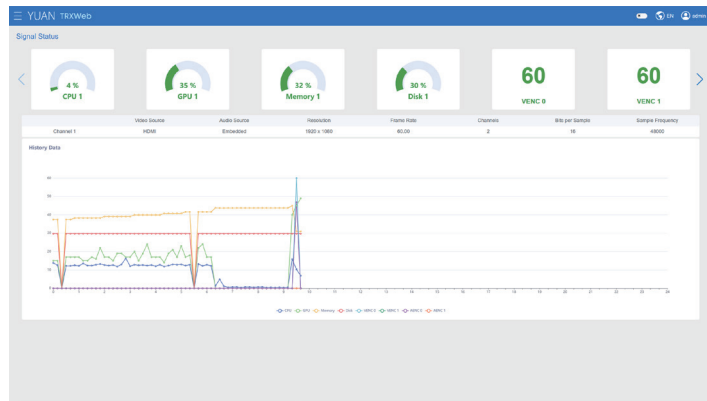# AI Precision for ProAV and Live Broadcasts
Discover the AIR6N0-C NX TRX

NVIDIA® Jetson Orin ™ NX Super

The AIR6N0-C NX TRX, powered by NVIDIA® Jetson Orin ™ NX Super, is purpose-built for AI-driven Broadcasting and ProAV applications. With a hardware design featuring Telly and I/O boards, low-latency streaming, and real-time processing, it excels in live broadcasting and advanced content creation. The included control software enhances monitoring and management, ensuring efficient, precise, and AI-optimized workflows.

Features

- Powered by NVIDIA® Jetson Orin ™ NX Super

- 1U Height, 4K60 Transceiver

- Various I/O Daughter Board

Status

AI Settings

OSD Settings

Streaming Setting

AIR6N0-C NX TRX

CPU	NVIDIA® Jetson Orin™ NX 8GB Super 6-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 1.5MB L2 + 4MB L3	NVIDIA® Jetson Orin™ NX 16GB Super 6-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 6MB L2 + 4MB L3
GPU	1024-Core NVIDIA Ampere Architecture GPU with 32 Tensor Cores	
AI Performance	NVIDIA® Jetson Orin™ NX 8GB Super 117 TOPS	NVIDIA® Jetson Orin™ NX 16GB Super 157 TOPS
System Memory	NVIDIA® Jetson Orin™ NX 8GB Super 8GB LPDDR5	NVIDIA® Jetson Orin™ NX 16GB Super 16GB LPDDR4x

System Memory	
Storage	Supports External NVMe
Display Interface	1×HDMI2.0 1×12G-SDI
Ethernet	1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client
Expansion Slot	M.2 Jetson Orin™ NX 1×M.2 2280 M Key PCIe Gen4×1 Slot 1×M.2 2280 M Key PCIe Gen4×2 Slot
USB	1×USB3.2 2×USB2.0
Audio	1×3.5mm Line / MIC In 1×3.5mm Line Out / Headphone
Peripheral Communication	18 Pin Header 4×GPIO 3×I2C 2×4 Pin Header 2×Tally 2×LED 8 Pin Phoenix Connector 1×RS232 1×RS485 1×GPIO
Misc. Features	Firmware Upgradable

Broad Product Line

AIR6N0-C-MB NX 12G-SDI
NVIDIA Jetson Orin™ NX Super
1×12G-SDI
1×4K60

AIR6N0-C-MB NX 12G-SDI QL
NVIDIA Jetson Orin™ NX Super
1×12G-SDI / 2×6G-SDI / 4×3G-SDI
1×4K60 / 2×4K30 / 4×HD60

AIR6N0-C-MB NX HDMI2.1
NVIDIA Jetson Orin™ NX Super
1×HDMI2.1
1×4K60 / 444 / 10Bit

AIR6N0-C-MB NX HDMI2.0
NVIDIA Jetson Orin™ NX Super
1×HDMI2.0
1×4K60

AIR6N0-C-MB NX 4×TVI
NVIDIA Jetson Orin™ NX Super
4×TVI
4×1080p30

AIR6N0-C-MB NX 4×HDMI
NVIDIA Jetson Orin™ NX Super
4×HDMI
4×1080p60