



Media Axis™ 2 is the next generation of the world's most advanced and complete modular matrix switching and extension solution. These frames provide the ability to build the matrix to suit the needs of the systems by choosing the appropriate number of Input and Outputs and transmission protocol to suit the system configuration.

Key features include hot swappable cards, redundant power supplies, PureLink's proprietary AirLift™ Cooling System, SNMP Remote Monitoring, and many more. Cards are available for the distribution of up to 4K/60Hz video and high-resolution audio utilizing multiple protocols such as HDBaseT, Fiber, and SDI.

Core Technologies



Dante™ Audio

Provides Seamless distribution of high-quality, uncompressed audio signals across the entire system.



Motore 2.0™ Audio

Full featured 4K/60Hz 4:4:4 media processing and auto-scaling with frame rate conversion available at every input and output card.



AirLift™

Modular AirLift™ technology fan blades provide consistent and reliable air flow for direct-cooling of matrix components keep the **Media Axis™ 2** running at peak efficiency and performance.



Omni-Flex™

Fully modular, adaptive, and scalable, Omni-Flex™ provides upgradeable components that includes hot-swappable I/O cards, AirLift™ cooling units, and power supplies.

Key Features

Media Axis™ 2 Chassis Features

- Omni-Flex™ Modular Design with Hot-Swappable PSU, MCU, I/O, and Fans
- AirLift™ Advanced Fan Blade Constant Pressure Cooling System
- Redundant Power Supplies
- Off board Power Supply for HDBaseT™ 3.0 Extenders (MAX2-POC-PSU power supply required)
- Input / Output and System Diagnostics
- SNMP Remote Monitoring
- HDCP-Compliance Notification
- TAA & NDAA Compliant: Complies with Trade Agreements Act and National Defense Authorization Act Regulations

Input/output Card Features

- Built-in Motore™ 2.0 Scaling and Don't Blink™ Switching
- Auto-EDID (EDID Library and Emulation)
- Embedding and De-embedding of independent 2ch LPCM and Analog Audio Signals
- Embedding and De-embedding of Dante™ IP Audio
- Multiview and Videowall Processing
- Bi-directional, RS-232 and LAN Control to Endpoints
- Fiber and HDBaseT™ 3.0 Chassis and Single Gang Wall Plates available

Audio/Video & Transmission Technologies

- Up to Ultra HD 4K/60Hz 4:4:4 HDR
- HDMI 2.0 | HDCP 2.2
- DisplayPort v1.2
- 12G-SDI
- HDBaseT™ 3.0 uncompressed 4K/60Hz 4:4:4
- 1LC Fiber with Adaptive Multimode/Singlemode Processing
Up to 330 ft (100m) via multimode and Up to 1.24mi (2KM) via singlemode

Chassis Models & Configurations

Frame SKU	Description	MCU SKU	PSU SKU
MAX2-12X	12×12 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-12X-PSU
MAX2-20X	20×20 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-20X-PSU
MAX2-36X	36×36 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-36X-PSU
MAX2-72X	72×72 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-72X-PSU
MAX2-144X	144×144 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-144X-PSU
MAX2-216X	216×216 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-218X-PSU
MAX2-288X	288×288 Media Axis 2™ 4K60 Cross Platform Matrix Switcher Frame	MAX2-MCU	MAX2-288X-PSU