

MSP8050  
MODULAR  
SERVER SERIES

UP TO  
**18 E3-1578L**  
PER 2U

**INTEL  
XEON E3**  
PROCESSORS

BETTER  
**QUALITY VIDEO,**  
MORE CONCURRENT  
STREAMS

TRANSCODE UP TO  
**270 REAL-TIME  
HEVC STREAMS**  
AT 30FPS



## **MSP8050 POWERFUL TRANSCODING MODULAR SERVER**

- ▶ BETTER QUALITY VIDEO AND MORE CONCURRENT STREAMS
- ▶ IDEAL FOR TRANSCODING MULTIPLE MEDIA APPLICATIONS ACROSS SEVERAL INDEPENDENT, LOW-POWER, HIGH PERFORMANCE PROCESSORS
- ▶ TESTED ON OPENSTACK AND KUBERNETES

POSSIBILITIES START HERE





The MSP8050 Series of modular servers is a key component for efficient transcoding in the cloud. As the demand for viewing content on smartphones and tablets continues to rise, transcoding is moving to the cloud as a means to offload processing tasks from being performed on the end user device.

Kontron and Intel have designed the optimal solution that addresses energy efficiency challenges, scalability and cost, thus resulting in better user experiences for the end customer. The MSP8050 Series' main use case is to run multiple media applications including transcoding across multiple independent low-power, high-performance processors.

## MODULAR SERVERS THAT ENABLE MEDIA OPTIMIZATION APPLICATIONS FOR CLOUD INFRASTRUCTURE AND NEXT-GEN DATA CENTERS

### TECHNICAL INFORMATION

Processor	Dual Xeon E3-1578L v5 4C/8T 4+4e HT 45W
Chipset	Intel C236 PCH per processor
Memory	2 DIMM sockets 2 channels 32GB DDR4 ECC VLP SDRAM
I/O	2x Gbps Ethernet (Control plane)(I210-IS) 4x 10 Gigabit Ethernet Fabric Interface (Data Plane) (2 per CPU) (82599ES)
Storage	One M.2 SSD up to 480GB per CPU
System Management	Supports IPMI Specification 2.0 Include <ul style="list-style-type: none"> <li>• Monitor critical components</li> <li>• Remote control capability</li> <li>• Firmware update</li> </ul>
Server Management	IPMI v2.0, Extensive sensors monitoring and event generation on thresholds. IPMI over LAN



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