

ENGINEERING BULLETIN

Recommended Specifications for 3rd Party Servers for flexAI

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Recommended specifications for third party servers for use with Jünger Audio flexAI products. These recommendations are based on the turn-key systems sold as flexAIserver. Critical components are marked.

Product	PowerEdge R450 Rack Server	
Chassis	2.5" Chassis with up to 8 Hard Drives (SAS/SATA) 2 CPU	
Processor	Intel® Xeon® Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666	
Memory	16GB RDIMM, 3200MT/s, Dual Rank	More RAM recommended
RAID	C3, RAID 1 for 2 HDDs or SSDs (Matching Type/Speed/Capacity)	
RAID/Internal Storage Controllers	Front PERC H355 Front Load	Please contact Jünger Audio if a different storage controller type is to be used! Software RAID not supported!
Hard Drive	SATA SSD 480GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD	
BIOS and System Configuration Settings	Performance BIOS Setting	
Power Supply	Dual, Hot-plug, Fully Redundant Power Supply (1+1), 800W, Mixed Mode	

PCIe Riser	Riser Config 1, 1xOCP 3.0(x16)+ 2x16LP	Low Profile and Full Profile brackets for the tieLight portal PCIe interface card available.
Embedded Systems Management	iDRAC9, Enterprise 15G	
Network Adapters	Intel i350 Quad Port 1GbE BASE-T or Intel X710 Dual Port 10GbE SFP+ or Intel X710-T2L Dual Port 10GbE BASE-T OCP 3.0 or PCIe	Network cards for AoIP media interfaces must be of the stated type. Other cards currently not supported for media network operation!

Recommended specifications are subject to change without notice.

Please check for the latest version at

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About Jünger Audio

Established in Berlin in 1990, Jünger Audio specializes in designing and manufacturing the highest quality digital audio processing equipment. The company has developed a unique range of digital systems tailored to meet the precise needs of the professional audio market. All Jünger Audio products are user-friendly and crafted in-house, ensuring that the highest standards are maintained throughout the manufacturing process. Jünger Audio serves customers ranging from the world's top radio and TV broadcasters to IPTV providers, music recording studios, and audio post-production facilities. Jünger Audio is a brand owned and operated by woks audio GmbH.

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