ASTRA MINIMUM HARDWARE REQUIREMENTS

ASTRA was designed from the start to be lightweight and efficient, requiring modest hardware and offering high video feed density for each server. Here is what you'll need to ensure optimum performance from your ASTRA anomaly detection solution.

HARDWARE	35 STREAMS	70 STREAMS	140 STREAMS
PROCESSOR	INTEL I9 or XEON SILVER 8 CORE	INTEL XEON SILVER - 8 CORES OR BETTER	(2) INTEL XEON SILVER - 12 CORES OR BETTER
RAM	64GB DDR4	128GB DDR4	256GB DDR4
GPU	NVIDIA RTX 4090	(2) NVIDIA RTX 4090	(4) NVIDIA RTX 4090
OS SSD CAPACITY	1TB OR LARGER	2TB OR LARGER (RAID RECOMMENDED)	4TB OR LARGER (RAID RECOMMENDED)
NETWORK CARD	1GB	1GB (MIN. 2 INTERFACES)	1GB (MIN. 2 INTERFACES)

Systems are hosted on Ubuntu 22.04 Server and based on camera resolution of 15FPS, 720p or 1080p resolution, and an average bitrate of 2.5Mbps or less. Zipstream/WiseStream/etc. must be disabled. 24/7 recording is recommended but not required. The minimum recommended frame rate for ASTRA is 15FPS at 720p.

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For systems outside of these specifications and sizes, please reach out to the Active Intelligence Sales Engineering team at (941) 699-2300 option 3 or saleseng@activeintelcorp.com.

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