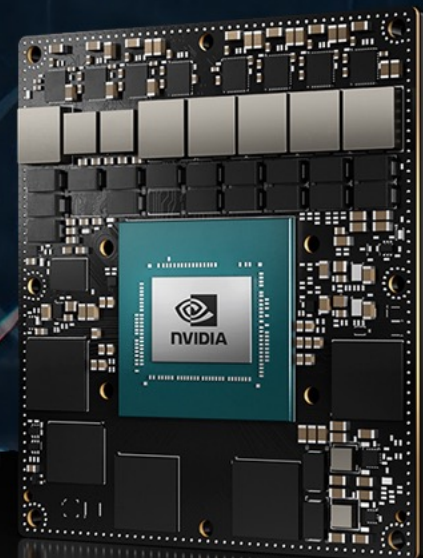




# GUSTAV AGX ORIN

1792 - 2048 CUDA CORES | 32 OR 64 GB RAM



# GUSTAV AGX ORIN

EDGE DEVICE / SKU: RB-AGX-ORIN

GUSTAV Orin Series is based on NVIDIA Jetson SoC (System on a chip) modules. GUSTAV Orin is the ideal solution for applications from manufacturing and logistics to retail and healthcare.



## Features

- NVIDIA® Jetson AGX ORIN™ SOM
- 8 x ARM64 CPU & 1792 CUDA & 56 Tensor-Cores
- 32 GB or 64 GB (Gigabytes) of RAM (shared memory)
- 2 x USB 3.x connectors
- 1x 12 Volts input with Lemo Connector
- 1 x HDMI 2.1 Output
- 2 x RJ-45 Ethernet (both gigabit)
- 128 – 2.000 GB SSD (M2)
- Active cooling
- Supercap 200 mF
- Quickflash for all NVIDIA® Jetpack SDK
- W: 170mm H:67mm D:160mm
- Optional RS232 | RS485 | CAN-BUS

GB = Gigabytes



# GUSTAV AGX ORIN (32 GB)

AI Performance	GPU	GPU Max Frequency	CPU	CPU Max Frequency	DL Accelerator	DL Max Frequency	Vision Accelerator	Safety Cluster Engine	Memory	Storage
200 TOPS	1792-core NVIDIA Ampere GPU with 56 Tensor Cores	930 MHz	8-core NVIDIA Arm® Cortex A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3	2.2 GHz	2x NVDLA v2.0	1.4 Ghz	1 x PVA v2.0	-	32 GB 256-bit LPDDR5 204.8 GB/s	64GB eMMC 5.1

Video Encode	Video Decode	CSI Camera	PCIE*	USB*	Networking*	Display	Other IO	Power	Mechanical	
1x 4K60   3x 4K30   6x 1080p60   12x 1080p30 (H.265) 1x 4K60   2x 4K30   5x 1080p60   11x 1080p30 (H.264)	1x 8K30   2x 4K60   4x 4K30   9x 1080p60   18x 1080p30 (H.265) 1x 4K60   2x 4K30   5x 1080p60   11x 1080p30 (H.264)	-	-	2x USB 3.2 Gen2 (10 Gbps)	2x GbE	HDMI 2.x	GPIOs (internal)	15W - 40W	100mm x 87mm 699-pin connector Integrated Thermal Transfer Plate	

# GUSTAV AGX ORIN (64 GB)

AI Performance	GPU	GPU Max Frequency	CPU	CPU Max Frequency	DL Accelerator	DL Max Frequency	Vision Accelerator	Safety Cluster Engine	Memory	Storage
200 TOPS	2048-core NVIDIA Ampere GPU with 64 Tensor Cores	1.3 GHz	12-core NVIDIA Arm® Cortex A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3	2.2 GHz	2x NVDLA v2.0	1.6 Ghz	1 x PVA v2.0	-	64GB 256-bit LPDDR5 204.8 GB/s	64GB eMMC 5.1

Video Encode	Video Decode	CSI Camera	PCIe*	USB*	Networking*	Display	Other IO	Power	Mechanical	
2x 4K60 4x 4K30 8x 1080p60 16x 1080p30 (H.265) 2x 4K60 0 4x 4K30 7x 1080p60 15x 1080p30 (H.264)	1x 8K30 3x 4K60 6x 4K30 12x 1080p60 24x 1080p30 (H.265) 1x 4K60 0 3x 4K30 7x 1080p60 14x 1080p30 (H.264)	-	-	2x USB 3.2 Gen2 (10 Gbps)	2x GbE	HDMI 2.x	GPIOs (Internal)	15W - 60W	100mm x 87mm 699-pin connector Integrated Thermal Transfer Plate	

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The background features a complex digital interface with a central gear icon. The gear is white with a blue grid pattern inside. The interface includes several circular gauges with yellow and blue segments, and various data points and labels such as '0.250', '0.215', 'A 0.1', and 'B'. The overall aesthetic is high-tech and futuristic, with a dark blue and black color palette accented by yellow and white.

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