

GUSTAV AGX ORIN

MADE FOR INDUSTRIAL APPLICATIONS



GUSTAV AGX ORIN 32 GB

EDGE DEVICE / SKU: RB-AGX-ORIN32-10G

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 (shared memory)
- 3 x USB-C connectors
- 1x 12 Volts input with RB-Connector
- 1 x HDMI 2.1 Output
- 2 x RJ-45 10 GIGe Ethernet
- 128 – 4.000 GB SSD (M2) (optional)
- Active cooling
- Microcontroller for Flash Recovery & Reset
- Quickflash for all NVIDIA® Jetpack SDK
- W: 170mm H:77mm D:112mm



GUSTAV AGX ORIN 64 GB

EDGE DEVICE / SKU: RB-AGX-ORIN64-10G

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Features

- NVIDIA® Jetson AGX ORIN™ SOM
- 12 x ARM64 CPU & 2048 CUDA & 64 Tensor-Cores
- 64 GB (shared memory)
- 3 x USB-C connectors
- 1x 12 Volts input with RB-Connector
- 1 x HDMI 2.1 Output
- 2 x RJ-45 10 GIGe Ethernet
- 128 – 4.000 GB SSD (M2) (optional)
- Active cooling
- Microcontroller for Flash Recovery & Reset
- Quickflash for all NVIDIA® Jetpack SDK
- W: 170mm H:77mm D:112mm



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	1.300 MHz	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	-	32 GB 256-bit LPDDR5 204.8 GB/s	32 GB eMMC 5.1

Video Encode	Video Decode	CSI Camera	PCIe*	USB*	Networking*	Display	Other IO	Power	Mechanical	
H.265 H.264 AV1 1 x 4K60 3 x 4K30 6 x 1080p60 12 x 1080p30	H.265 H.264 AV1 1 x 8K30 2 x 4K60 4 x 4K30 9 x 1080p60 18 x 1080p30	-	-	3x USB-C (10 Gbps)	2x GbE – 10 GigE	HDMI 2.x	GPIOs (internal)	15W - 60W	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
275 TOPS	2048-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	-	64 GB 256-bit LPDDR5 204.8 GB/s	64 GB eMMC 5.1

Video Encode	Video Decode	CSI Camera	PCIE*	USB*	Networking*	Display	Other IO	Power	Mechanical	
H.265 H.264 AV1 2 x 4K60 4 x 4K30 8 x 1080p60 16 x 1080p30	H.265 H.264 AV1 1 x 8K30 3 x 4K60 7 x 4K30 11 x 1080p60 22 x 1080p30	-	-	3x USB-C (10 Gbps)	2 x 10 GigE	HDMI 2.x	GPIOs (internal)	15W - 60W	100mm x 87mm 699-pin connector Integrated Thermal Transfer Plate	

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APPLICATIONS

Agriculture and Food



Intelligent **Smart City**



Energy Solutions



Manufacturing



Automotive



Biotech and Pharmaceutical



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The logo features the word "REBOTNIX" in a bold, white, sans-serif font. The letter "O" is replaced by a grey gear icon with a blue grid pattern in its center. The background is a dark blue, futuristic interface with glowing yellow and blue lines, circles, and data points.

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