

# **GUSTAV AGX ORIN**

**MADE FOR INDUSTRIAL APPLICATIONS** 







## **GUSTAV AGX ORIN 32 GB**

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

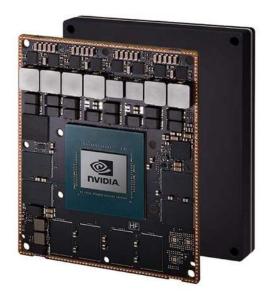
GUSTAV Orin Series is based on NVIDIA Jetson SoC (System on a chip) modules. GUSTAV Orin is the ideal solution for applications from manufacturing and logistics to retail and healthcare.





#### **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** 

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
- 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)

Al 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 Amper e 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 C amera	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)

Al 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 Amper e 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 C amera	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 x1080p30	-	-	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	



## **GUSTAV AGX ORIN**



GUSTAV AGX ORIN

**APPLICATIONS** 

Agriculture and Food



Intelligent Smart City



**Energy** Solutions



Manufacturing



**Automotive** 



**Biotech and Pharmaceutical** 





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