



GUSTAV TX2 NX

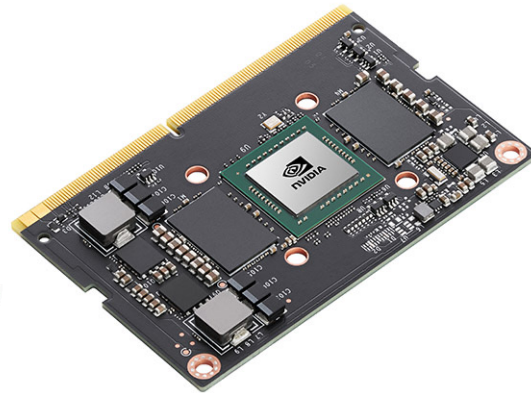
256 CUDA CORES | 4 GB RAM



GUSTAV TX2 NX

EDGE DEVICE / SKU: RB-TX2-NX

The world's smallest AI supercomputer for embedded and edge systems. GUSTAV TX2 NX has 256 GPU cores. It is based on NVIDIA TX2 NX module. Powered by an efficient ARM 64 BIT CPU. SSD stands for solid state disk and it is mounted internally.



Features

- NVIDIA ® Jetson TX2™ NX SOM
- ARM64 CPU & NVIDIA Volta GPU 256 Cores
- 4GB / Gigabytes of RAM (shared memory)
- 3 x USB 3.x connectors
- 1x 12 Volts input with Lemo Connector
- 1 x HDMI 2.1 Output
- 1 x RJ-45 Ethernet (both gigabit)
- 128 – 2.000 GB SSD (M2)
- Active cooling
- Supercap 200 mF
- Quickflash for all NVIDIA® Jetpack SDK
- W: 130mm H:42.5mm D:99mm
- Optional RS232 | RS485 | CAN-BUS
- Wifi 2.4 GHz internal

GB = Gigabytes

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AI Performance	GPU	GPU Max Frequency	CPU	CPU Max Frequency	DL Accelerator	DL Max Frequency	Vision Accelerator	Safety Cluster Engine	Memory	Storage
1.33 TFLOPs	256-core NVIDIA Pascal™ GPU	1.3 GHz	Dual-Core NVIDIA Denver 2 64-Bit CPU and Quad-Core Arm® Cortex®-A57 MPCore processor	Denver 2: 2 GHz Cortex-A57: 2 GHz	-	-	-	-	4 GB 128-bit LPDDR4 51.2GB/s	16 GB eMMC 5.1

Video Encode	Video Decode	CSI Camera	PCIe*	USB*	Networking*	Display	Other IO	Power	Mechanical	
1x 4K60 3x 4K30 4x 1080p60 8x 1080p30 (H.265)1x 4K60 3x 4K30 7x 1080p60 14x 1080p30 (H.264)	2x 4K60 4x 4K30 7x 1080p60 14x 1080p30 (H.265 & H.264)	-	-	3x USB 3.2 (hub) Or 2 x USB 2.0 1 x USB 3.0 (direct to Jetson GPU Module)	1x GbE	HDMI 2.x	GPIOs (internal)	7.5W - 15W	69.6 mm x 45 mm 260-pin SO-DIMM connector	

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