

Built to deploy massive AI workloads at the Edge, Rudi-AGX is the AI supercomputer guaranteed to stay cool - even at AGX Xavier's MAX-N.

Don't sacrifice AI performance due to thermal limitations. Rudi-AGX can withstand even the most compute intensive AI applications with its power-efficient and feature rich design. Seamlessly deploy your next generation autonomous vehicle, smart city application, or intelligent vision solution with this state-of-the-art NVIDIA Jetson AGX Xavier supercomputer.



Field-ready for instant deployment with any program developed using NVIDIA's JetPack SDK or deep learning toolkit application.

## FEATURES

- ✓ Expandable storage via NVMe and/or SD card
- ✓ Quickly integrate WiFi, Bluetooth, LTE, and video capture card
- ✓ Direct connection of 8x GMSL cameras
- ✓ 2x HDMI output and 4x USB for robust and flexible deployment

## SPECIFICATIONS

<b>Compatibility</b>	Pre-integrated with NVIDIA® Jetson AGX Xavier™	<b>AI Performance</b>	32 TOPs
<b>GPU</b>	512-core NVIDIA Volta™ GPU with 64 Tensor Cores	<b>CPU</b>	8-core NVIDIA Carmel ARM™ v8.2 64-bit CPU 8MB L2 + 4MB L3
<b>Memory</b>	32 GB 256-bit LPDDR4x, 136.5GB/s	<b>Dimensions</b>	177.8mm (w) x 107.95mm(h) x 177.8mm (d) 7" (w) x 4.25" (h) x 7" (d)
<b>Display Output</b>	2x HDMI 2.0	<b>Networking</b>	2x 10/100/1000 BASE-T Ethernet
<b>GMSL Camera Inputs</b>	8x GMSL 1/2 Camera Inputs (MIPI CSI-2 Access to Jetson)	<b>USB</b>	4x USB 3.0 Ports (Type-A) 1x USB OTG (Type-C)
<b>Wireless / Misc Expansion <sup>1</sup></b>	1x LTE - M.2 B-Key (USB 3.0 + USB 2.0, 3042) 1x WiFi/Bluetooth - M.2 E-Key (PCIe x 1 + USB, 2230) 1x M.2 M-Key (PCIe x 4, 2280)	<b>Storage</b>	32 GB internal eMMC 5.1 1x NVMe Expansion (M.2 M-key (PCIe x 4, 2280)) 1x Full Sized SD Card Slot
<b>CAN</b>	2x Isolated CAN 2.0b Port	<b>MISC / IO Connector</b>	2x UART, 1x RS-485, 2x I2C, 2x SPI, 6x GPIO, +5V Output, +3.3V Output
<b>Weight</b>	3.22kg (7.1 lbs)	<b>Input Power</b>	+9 to 36V DC Input
<b>Operating Temperature <sup>2</sup></b>	-25°C to +60°C (-13°F to +140°F)	<b>Warranty and Support</b>	1 Year Warranty and Free Support

[1] M.2 M-Key can be used for Storage or for Video Capture Cards

[2] Operating temperature as described when running in 30W Mode with 0 CFM airflow before throttling. Running at MAX-N requires minimum airflow of 125 CFM before throttling.