forecr

# MILBOX-XV

RUGGEDIZED AGX XAVIER COMPUTER

## HIGHLIGHTS

- NVIDIA Jetson AGX Xavier Processor
- Supercomputer performance in Military PC form
- AI Ready for deep neural networks (32 TOPS)
- Process 32 Full-HD video streams with Deepstream SDK
- Up to 64 GB 256-bit LPDDR4x RAM
- 4K Video Encode/Decode
- Rich IO options (4xRS232/4xRS422/2xCAN)
- High Speed Interfaces (4xGigabit Ethernet, USB 3.1)
- Low power operation (<60 Watts)

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Supported Modules** | NVIDIA Jetson AGX Xavier 32GB<br>NVIDIA Jetson AGX Xavier 64GB<br>NVIDIA Jetson AGX Xavier Industrial 32GB |
| **Memory** | 32 / 64 GB 256-bit LPDDR4x |
| **Graphics Interfaces** | 1x HDMI |
| **Interfaces** | 4x Gigabit Ethernet<br>1x USB 3.1<br>2x USB 2.0<br>1x USB 2.0 (Serial Console)<br>2x CAN Bus<br>4x RS232<br>4x RS422 |
| **Wireless Communication** | None |
| **Power Supply** | 12-36 VDC (28 VDC Nominal) |
| **Extension Sockets** | None |
| **Mass Storage** | 32 / 64 GB eMMC 5.1 Flash<br>1x M.2 Key-M SSD Slot |
| **Ambient Conditions** | -25°C ... +70°C (-40°C for Industrial Module) |
| **Form Factor / Dimensions** | 225 mm x 300 mm x 100 mm, 5300gr |
| **Operating Systems** | Ubuntu Linux 18.04 / 20.04 |
| **Operating Humidity** | 5% - 95% (Non-Condensing) |
| **Standards** | MIL-STD-1275/704, MIL-STD-810<br>MIL-STD-461, IP67 |
| **JetPack Support** | JetPack 4.x<br>JetPack 5.x |

MILBOX-XV is the perfect computing platform for businesses that need high-performance and reliability in challenging environments. The NVIDIA Jetson AGX Xavier system-on-module, featuring an eight- core ARM CPU, 32 GB of RAM, and an NVIDIA Volta GPU, ensures top-notch processor performance. Its fanless design guarantees reliable operation in dusty or dirty environments, and it can handle extreme temperatures, shock, and vibration.

With its multiple I/O ports, including 4x Gigabit Ethernet, USB 3.0, HDMI, 4x RS-232, and 4x RS-422, the MILBOX-XV is an ideal solution for businesses that need to connect to various devices and sensors. MILBOX-XV's rugged design makes it suitable for military, industrial, and outdoor applications, and its processor performance ensures that your business can handle even the most demanding tasks.

Upgrade your business with the MILBOX-XV, a powerful computing platform that guarantees reliability and top-notch performance even in the toughest environments.

Defense

Aerospace

Marine

Transportation

RoHS COMPLIANT

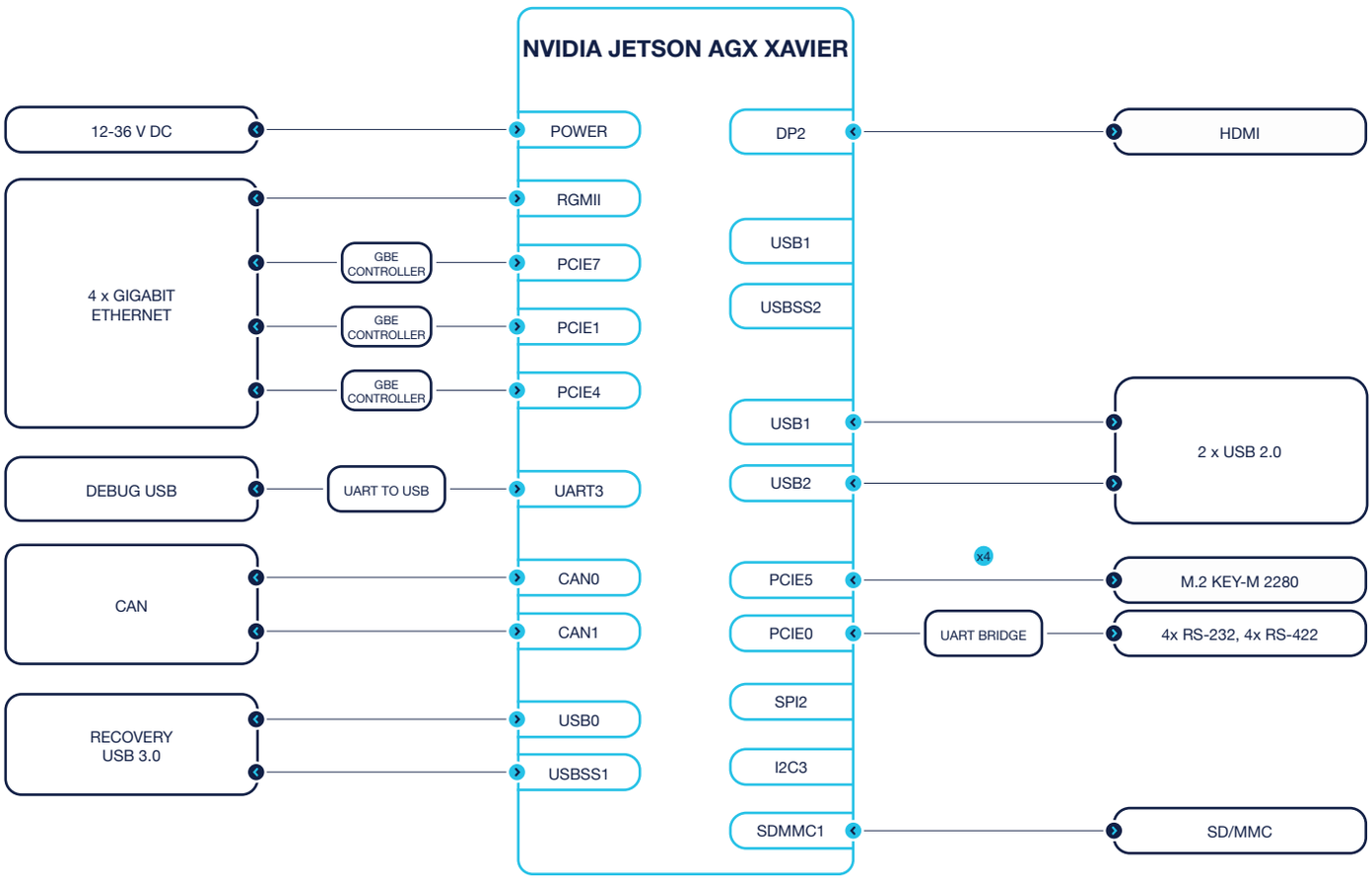
NVIDIA Elite Partner

©2025 - Forecr.io | All data is for information purposes only | Subject to change without notice

# MILBOX-XV

RUGGEDIZED AGX XAVIER COMPUTER

## BLOCK DIAGRAM




## FOR ORDERING


### Forecr OÜ (Reg No: 16578675)

VAT No: EE102592089
Sakala tn 7-2, Tallinn, 10141, Estonia

### Forecr OÜ (Technopol Office)

Akadeemia tee 21/1 (II-floor), Room 219, 12618, Tallinn, Estonia

### FORECR ELEKTRONIK LTD. STI. (R&D)

Gazi Üniversitesi Gölbaşı Yerleşkesi Teknokent Binası B Blok
No:10/50-B/23 06830 Gölbaşı / ANKARA / TURKEY

info@forecr.io www.forecr.io www.linkedin.com/company/forecr/


NVIDIA Elite Partner

forecr

©2025 - Forecr.io | All data is for information purposes only | Subject to change without notice