



Rugged Super Computer Level Military PC platform for deep learning based edge analytics and video processing applications.

### 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
- 32 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)
- Ideal for size and power rugged military systems
- Fanless and robust design for 7/24 operation
- IP67 compliant Military Circular Connectors

### TECHNICAL SPECIFICATIONS

<b>CPU</b>	Eight-core NVIDIA Carmel ARM® v8.2 64-bit
<b>GPU</b>	NVIDIA Volta™ 512 Core GPU with 64 Tensor Cores
<b>Memory</b>	32 GB 128-bit LPDDR4x
<b>Graphics Interfaces</b>	1xHDMI
<b>Interfaces</b>	4x Gigabit Ethernet 1x USB 3.1 2x USB 2.0 1x USB 2.0 (Serial Console) 2x CAN Bus 4x RS232 4x RS422

<b>Power Supply</b>	18-32 VDC (28 VDC Nominal)
<b>Internal Mass Storage</b>	16 GB eMMC 5.1 Flash, 1x M.2 SSD Slot
<b>Ambient Conditions</b>	-25°C ... +70°C (-40°C for Industrial Module)
<b>Dimensions/Weight</b>	210 mm x 296 mm x 92 mm / 4750 grams
<b>Standards</b>	MIL-STD-1275/704, MIL-STD-810, MIL-STD-461, IP67
<b>Operating System</b>	Ubuntu Linux 18.04

## CONNECTIVITY OPTIONS



## ORDERING INFORMATION

Product Model      MILBOX-XV

Part Number      MILBOXXV-AAB-CCC

**AA:**      08 for 8GB RAM, 16 for 16GB RAM, 32 for 32GB RAM

**B:**      S for Standard Module, I for Industrial Module

**CCC:**      M.2 SSD Storage Size (125GB x CCC)

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