



## Features and Benefits

- 2 x Nvidia Jetson Xavier GPU units
- 2 x Gigabit Ethernet ports (RJ45)
- 2 x Serial Console ports (RJ45)
- DeepStream SDKs, as well as CUDA®, cuDNN, and TensorRT software libraries
- Compatible with all M3-SE modules
- Top and bottom power pass-through connectors

## M3-SE-GPU-P

The M3-SE-GPU-P is a highly rugged, small form factor graphics processing unit (GPU) module designed to enable artificial intelligence and high-performance analytics at the extreme tactical edge.

Powered by dual NVIDIA GPUs, the module delivers class-leading performance in a low power, compact and easily transportable solution. The high throughput Ethernet connections combined with the dual processors enable parallel processing of distinct data streams, boosting throughput and allowing basic clustering operations. An integrated deep learning engine and support for the NVIDIA JetPack SDK make the module ideal for artificial intelligence, machine learning applications and neural network development.

Benefiting from the popular M3-SE modular design, the M3-SE-GPU-P shares the same form factor and pass-through power connectors, allowing users to upgrade their current M3-SE server and network deployments with minimal changes to system design. This modular approach delivers great flexibility, as users can easily add GPU capabilities based on mission requirements, without the need to replace existing server or compute hardware.



## Specifications

Interfaces	
4 x 10GbE SFP Ports	
2 x Gigabit Ethernet ports (RJ45)	
2 x Serial Console ports (RJ45)	
1 x External DC Power Input	
2 x Hi-Speed USB-C Ports	

Physical Specifications	
Size	2.25" H x 10.25" W x 5.06" D 5.71cm H x 26.03cm W x 12.85cm D
Weight	4.7lbs / 2.13 kg
MTBF	Exceeds 83,000 hours
Operating Temperature	0°C to 60°C
Storage Temperature	-40°C to +70°C

Certifications	
Trade Act Agreement compliant	
Designed to Meet:	CE MIL-STD-810G MIL-STD-461F RoHS

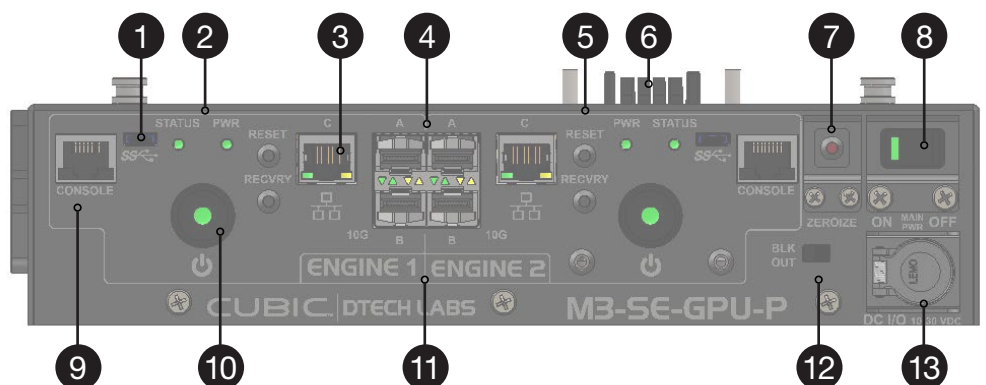
Internal Components	
2 x NVIDIA Jetson Xavier GPU modules	

Power Specifications	
Power input	10 to 30 volts (DC)
Power consumption	12 W minimum/40 W maximum

Warranty	
Includes standard Cubic, industry-leading, 2-Year Extended Hardware Warranty.	

## M3-SE-GPU-P Components

1. 2 x Hi-Speed USB-C Ports
2. Status & Power LEDs
3. 2 x 10GbE Ports
4. 4 x 10GbE SFP Ports
5. 2 x Reset Buttons
6. Power Pass-through
7. Zeroize Button
8. Main Power Button
9. 2 x Console Ports
10. 2 x Engine Power Buttons
11. 2 x NVIDIA Jetson AGX Xavier GPUs
12. Blackout Button
13. DC Input/Output



### Contact for more information:

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*Because of ongoing enhancements, specifications may change.  
Contact your sales representative for current information.*