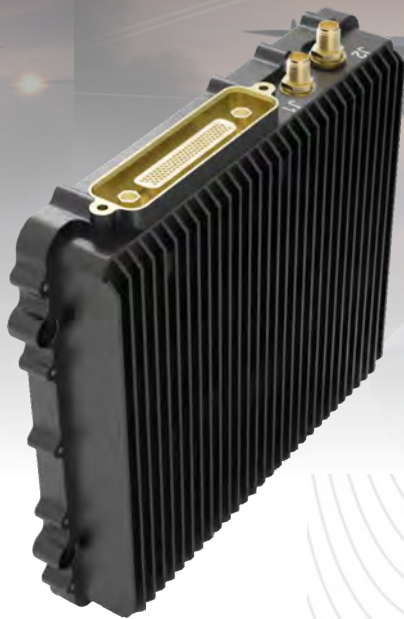


STRIKE O



Edge Computing based on NVIDIA Orin NX delivers high-performance AI processing directly at the edge, enabling real-time data analysis, computer vision, and autonomous decision-making without reliance on cloud connectivity. Its compact size, low power consumption, and advanced GPU architecture make it ideal for defense, industrial, robotics, and autonomous systems operating in demanding environments.

SOFTWARE

Linux

ORIN NX MODULE

AI Performance: Up to 60 TOPS

GPU: 1024-core NVIDIA Ampere GPU with 32 Tensor Cores

CPU: 8-core Arm Cortex-A78AE

Memory: 16GB of LPDDR5

Storage: 16 GB eMMC

2 x NVDLA Engines

Power: 25 W

INTERFACES

Power In 17-32Vdc

3 x Eth 1Gbps

4 x Eth 100Mbps

1 x CANBus

2 x RS232, 2 x RS422, RS232DB

1 x HD-SDI Input

16 x GPIO

1 x 1PPS Input

1 x USB3.0

POWER SUPPLY

Power In 17-32Vdc

CONNECTORS

1 x Micro-D 100 pins

1 x SMA HD-SDI

DURABILITY

Temperature , MIL-STD-810G, Opt -5C to +71C (WO Solar radiation)

Altitude, MIL-STD-810G Opt -2000 to 18000 ft

Salt Fog, MIL-STD-810G, Method 509.5

Humidity, MIL-STD-810G, Method 507.5

Vibration, MIL-STD-810G, Method 514.6

Shock, Functional: MIL-STD-810G, 20g 11ms Method 516.6

EMI/RFI , MIL-STD-461G

Ingress Protection Rating, IP65

Chassis, Aluminum 6061

WARRANTY

1 year

COLOR

Black Anodize

DIMENSIONS & WEIGHT

Please find the drawing attached