



**Unparalleled low-size, weight, power
edge-based computation**

**Flexible software architecture enables a
wide variety of software from any source**

**Advanced edge-compute capability for
mission critical airborne applications**

NVIDIA Orin NX



CLARITY-HD

PROVIDES NVIDIA PROCESSING FOR EDGE APPLICATIONS

The Trillium Clarity-HD processor seamlessly integrates advanced software capabilities with Trillium gimbals. Optimized for rapid integration of Artificial Intelligence (AI) and Machine Learning (ML), Clarity-HD unlocks unparalleled AI possibilities for your workflows. This adaptable environment empowers effortless utilization of industry-standard features from Ubuntu Linux and NVIDIA JetPack libraries.

FEATURES

- Operating temperatures: -25°C to 50° C
- Dimensions: 110mm x 75mm x 51mm
- Weight: 375g
- Input Voltage: +12V - +48V
- Ubuntu 20.04
- Jetpack 5.1.2
- Certified to IP68
- Remote power relay onboard

CONNECTIVITY

- 2x Ethernet 1000Base-T (2x Gb/s)
- 2x USB 3.1
- 2TB NVMe Storage
- 2x 3.3 VTTL UART
- 2x RS-232 Serial | 4x PWM Capable GPIO
- 1x 3.3V I2C | 1x 3.3V SPI