The Aerocore 2 for NVIDIA Jetson puts the parallel processing power of NVIDIA's CUDA cores on a robotics-inspired development board.

The Gumstix Aerocore 2 platform is a tried and true blend of real-time autopilot firmware and high-level processing capabilities, employing an ARM Cortex M4 microcontroller, PX4 firmware, PWMs, serial buses, and GPS along with powerful Linux devices.

Featuring 4 camera connectors, a display port, and USB 3.0, the Aerocore 2 for Jetson is ready to take advantage of the Jetson TX1 and TX2's 256 CUDA cores for computer vision, object identification, AI and deep learning edge applications.

### Mating connector
2 × U.FL Connector

### What's included
1 × AeroCore 2 for NVIDIA Jetson

### Key component
1 × USB Micro AB Connector
1 × Micro HDMI (Type D)
2 × Micro B USB Plug
1 × JST-XH Top 3Pos 2.5mm
1 × DF13 Top 5Pos 1.25mm
1 × USB3.0 Standard A Jack THRU-HOLE Vertical
1 × Intel Joule CSI Camera (JCAM) Connector
3 × DF30 Series 24 Position Dual Row 0.4 mm SMT Board to Board Receptacle
1 × Magnetic Buzzer SMT (5V 30mA 92dBA)
1 × Texas Instruments SN65HVD232 CAN Transceiver
1 × FTDI FT232RQ USB UART Interface
1 × ST L3GD20H 3-Axis Gyroscope
1 × Memory (SPI FRAM 1MB 1.8V)
1 × Memory (256Kb I2C Serial Board EEPROM)
1 × MS5611 Barometric Sensor
1 × LSM303D 6-Axis Accelerometer

### Product links
- Customize in Geppetto
- Technical Specifications
- User Manual
- Geppetto®Workspace