

NEWSPACE MARKET · COMPANY PROFILE



EREMS

France · founded 1979 · erems.fr

6

PRODUCTS

newspacemarket.com/companies/erems/

as of 20 August 2026

EREMS

EREMS is a French Small to Medium Enterprise (SME) founded in 1979. The company specializes in the design and realization of electronic equipment and associated software for high technology fields including Space, Defence, Aeronautics, and Nuclear. EREMS develops flight electronics and ground electronic equipment, as well as testbenches. The company is equipped with engineering, manufacturing, and test services.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

PRODUCTS

Product catalogue



EREMS
ARIETIS Gyro Unit

3-axis space-qualified, radiation-hardened gyroscope for satellite AOCS — medium-accuracy, low-noise, suited for LEO, MEO, and GEO missions.

Measurement axes	3-axis
Accuracy class	Medium accuracy
Noise	Very low noise across full bandwidth
Target missions	LEO Earth observation, MEO navigation, GEO telecom

price on request



EREMS
GR740 Module (ICU CPU Module)

CPU processing module for EREMS's Modular ICU on-board computer family — GR740 processor, MIL-STD-1553/SpaceWire/CAN bus support.

Processor	GR740
Bus interfaces	MIL-STD-1553, SpaceWire, CAN

price on request



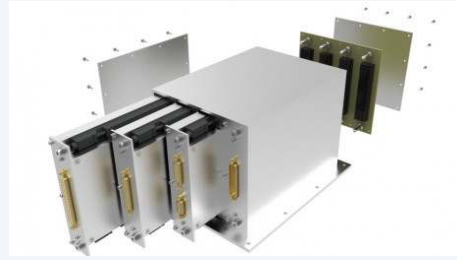
EREMS

JANSPER Reaction Wheel Controller

Electronic controller for driving and monitoring satellite reaction wheels — acquires commands, monitors sensors, controls wheel motor for attitude control.

Function	Reaction wheel driving and monitoring
Scope	Full development, manufacturing, and qualification by EREMS

price on request



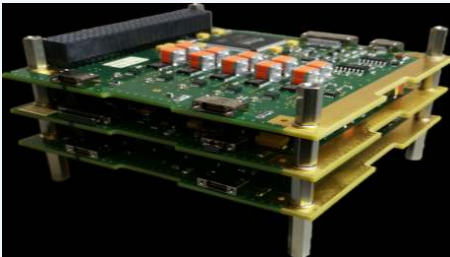
EREMS

Modular ICU (On-Board Computer Architecture)

Modular on-board computer architecture for scientific, Earth observation, exploration, and security missions — GR740 or NG-ULTRA MPSoC CPU options.

FPGA	NG-MEDIUM
CPU option 1	GR740 microprocessor
CPU option 2	NG-ULTRA MPSoC
Power module	DC/DC converter (CV module)

price on request



EREMS

PCDU NANO Power Conditioning and Distribution Unit

Modular power system for nanosatellites (6U-27U) compliant with the CubeSat standard — SAM3X microcontroller, configurable MPPT/DET/distribution modules.

Microcontroller	SAM3X (Microchip)
CubeSat form-factor range	6U-27U
MPPT module	Up to 4x 12W solar sections per module, digital MPPT per channel
DET module	Up to 5x 20W solar sections per module (Direct Energy Transfer)
Distribution module	Up to 10W @5V and 6W @3.3V per module; up to 14x LCL-protected power lines
Conversion & Distribution module (28V)	Up to 50W @28V with 2x LCL per module

price on request



EREMS

PPSU Plasma Propulsion Selection Unit

Switching unit routing electrical power between electric propulsion power supplies and thrusters — routes signals from two PPU's to a single thruster.

Function	Switches thruster/cathode signals from 2 PPU's to a single thruster
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price on request

Contact EREMS

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<http://www.erems.fr>