

NEWSPACE MARKET · COMPANY PROFILE

TAKEME2SPACE

TakeMe2Space

India · founded 2023 · tm2.space

5

PRODUCTS

newspacemarket.com/companies/takeme2space/

as of 20 August 2026

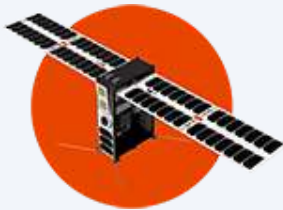


TakeMe2Space

TakeMe2Space Technologies Pvt Ltd was founded in 2023 by Ronak Kumar Samantray, who previously co-founded NowFloats (acquired by Reliance). Headquartered at the IIIT-H Campus in Hyderabad, the company exists to make orbital infrastructure as accessible as the internet, with a team of 34. The company designs, manufactures, and operates its own satellites from first principles, building all core subsystems in-house — including the ZeroCube onboard computer, the power system, a proprietary RadShield tantalum-tape radiation coating, and an AI inference cube capable of 117-150 TOPS. Their MOI-TD satellite, launched on PSLV C-60 in December 2024, became India's first AI lab in space, validating over 20 on-orbit AI experiments before the mission was declared a success in January 2025. TakeMe2Space offers three platform services: OrbitLab (orbital compute access at \$2 per minute), OrbitVault (sovereign orbital data storage), and OrbitView (on-demand satellite imagery at \$100 per image), plus hosted payload missions and the Manha educational CubeSat kit. The company raised a Series A led by Chiratae Ventures and is a member of the NVIDIA Inception program.

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.

Product catalogue



TAKEME2SPACE

Mol Satellite (Multispectral on-board Intelligence)

AI-first 6U-class LEO satellite built entirely in-house, carrying a 9-band multispectral imager and 117-150 TOPS edge compute, with RadShield radiation coating for 5+ year LEO life

On-orbit compute (AI Cube)	117-150 TOPS
RAM	16 GB
Imaging system	9-band multispectral imager
Payload power allocation	120W
Peak solar generation	67.2W
Battery capacity	200Wh Li-ion
RadShield TID reduction	Up to 10x vs. unshielded components

price on request



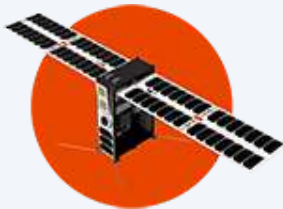
TAKEME2SPACE

OrbitLab

Enterprise and defence orbital compute platform — point a LEO satellite at any location, run AI models on-orbit, receive processed insights in 5-15 minutes, at \$2/minute.

Pricing	\$2 per minute of satellite utilization
On-orbit compute (MoI)	117-150 TOPS
Imaging system	9-band multispectral imager
Orbit	LEO
Supported deployment formats	Native applications, Docker containers, ONNX models
Result delivery time	5-15 minutes after capture
Cost reduction vs. traditional EO	60-94%

price on request



TAKEME2SPACE

OrbitVault

Sovereign orbital data storage service — AES-256-GCM encrypted, zero-knowledge, physically unreachable from Earth, 200GB+ NVMe SSD per satellite.

Altitude	400km+ (physically unreachable from Earth)
Encryption	AES-256-GCM (military/NSA grade)
Architecture	Zero-knowledge – only ciphertext stored on-orbit
Storage capacity	200GB+ NVMe SSD per satellite
Data integrity	Reed-Solomon + SHA-256
Multi-tenant isolation	Per-tenant keys and isolation
Automated data scrubs	Every 24 hours

price on request



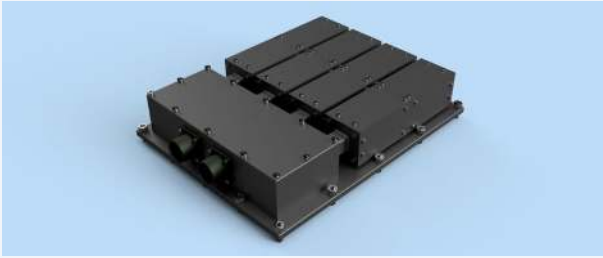
TAKEME2SPACE

OrbitView

On-demand satellite imagery service — select any location, commission a photo from 500km altitude, download after the next orbital pass, at \$100 per image.

Imaging altitude	500km
Standard price	\$100 per image
Satellite	TakeMe2Space MoI constellation

price on request



TAKEME2SPACE

RadShield — Radiation Shielding Technology

Flight-validated tantalum-tape radiation shielding reducing TID up to 10x, enabling terrestrial-grade electronics for 5+ year LEO missions. Flown on PSLV C-58 (January 2024).

Substrate material	2mm thick Aluminium AL 6061
Coating material	Tantalum (Ta) tape
Coating thicknesses tested	4, 50, and 100 microns
TID reduction	Up to 10x vs. unshielded components
Extended component life	5+ years in LEO (vs. months uncoated)
Orbit altitude	350km
Orbit inclination	9.6°

flight proven • TRL 9 price on request

Contact TakeMe2Space

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.

<https://newspacemarket.com/companies/takeme2space/>

<https://www.tm2.space>

© 2026 TakeMe2Space — product data. Document compiled by NewSpace Market from the live catalogue on 20 August 2026. May be shared freely.