

NEWSPACE MARKET · COMPANY PROFILE



IMT (Ingegneria Marketing Technologies)

founded 1991 · imtsrl.it

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PRODUCTS

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SERVICES

newspacemarket.com/companies/imt-ingegneria-marketing-technologies/

as of 20 August 2026



IMT (Ingegneria Marketing Technologies)

IMT (Ingegneria Marketing Technologies) is a private SME founded in 1991, active in the space sector. The company specializes in Space Systems Engineering activities, including the design and development of Nano/Micro-satellites and their relevant on-board units. These products are intended for commercial, scientific, and defense applications. IMT also provides Parts Engineering services, focusing on the characterization and testing of EEE (Electrical, Electronic, Electro-Mechanical) parts. The company's platforms are flight proven.

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.

SERVICES

Services

Characterisation and Testing of EEE Parts

IMT performs characterization and various tests on Electrical, Electronic, and Electro-Mechanical (EEE) parts to ensure their reliability for space applications.

Design and Development of Nano/Micro-satellites and relevant On-board units

IMT offers design and development services for nano/micro-satellites and their on-board units for commercial, scientific, and defense applications.

Detailed Physical Analysis (DPA)

IMT conducts detailed physical examinations of EEE components at various disassembly stages to verify quality against project requirements.

Failure Analysis (FA)

IMT performs failure analysis to determine the root cause of degradation or failure in EEE components during manufacturing, testing, or after delivery.

Hermeticity Tests

IMT conducts hermeticity tests to determine the effectiveness of sealing in components with internal cavities.

Product catalogue



IMT (INGEGNERIA MARKETING TECHNOLOGIES)

C-Band Transponder

A CubeSat-compliant C-band transponder from IMT that provides both TT&C and payload data communication in a new frequency band for nanosatellites.

Design Lifetime	3 years
Frequency Bands (Uplink)	5091 MHz - 5150 MHz
Frequency Bands (Downlink)	4500 MHz - 4800 MHz
Volume	< 0,4U
Dimensions	90 x 96 x 40 mm
Mass	400 g
Form Factor	CubeSat compliant

price on request



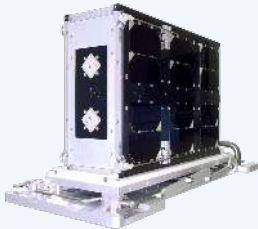
IMT (INGEGNERIA MARKETING TECHNOLOGIES)

CubeSat 3U Platform

IMT srl complete CubeSat 3U platform with 3-axis attitude control, VHF/UHF comms, 43 Wh Li-ion battery, AzurSpace GaAs solar panels, and FreeRTOS flight software for up to 5-year L

Standard	CubeSat 3U
Mass	<6 kg
Payload capacity	1.5U / 3W
Battery	43 Wh Li-ion
Solar panels	AzurSpace 3J GaAs 30% eff., 4W avg body-mounted
Power buses	3.3V and 5.0V regulated, max 5A each
Data interfaces	I2C, CAN, SPI, UART

price on request



IMT (INGEGNERIA MARKETING TECHNOLOGIES)

CubeSat 6U Platform

IMT srl flexible 6U CubeSat platform with up to 115W solar power (with μ SADA), <1deg pointing, X-band 50 Mbps downlink, 45-90 Wh battery, and 4U payload volume for 3-year LEO mi

Standard	CubeSat 6U
Solar power (body)	10W peak
Solar power (deployable)	50W peak
Solar power (with μ SADA)	115W peak
Battery capacity	45 Wh or 90 Wh
Pointing accuracy	<1 deg (optional 0.1 deg)
Frequency bands	X / C / S / UHF / VHF

price on request



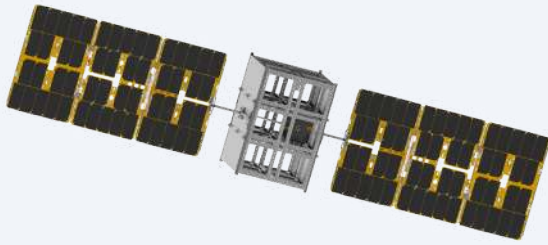
IMT (INGEGNERIA MARKETING TECHNOLOGIES)

IMT X-Band Transponder

ESTRACK-compatible CubeSat X-band transponder for deep space and Earth observation missions, 15W TX, 60 kbps downlink, 2-way Doppler/ranging/Delta-DOR, <1.5U volume, 1200g total

Uplink frequency	7145-7190 MHz (Cat B), 7145-7235 MHz (Cat A opt)
Downlink frequency	8400-8450 MHz (Cat B), 8400-8500 MHz (Cat A opt)
TX output power	15W
Downlink symbol rate	Up to 60 kbps (1 Msps optional)
Uplink symbol rate	Up to 4,000 sps
Modulation	PCM/PSK/PM
RX noise figure	<2 dB

price on request



IMT (INGEGNERIA MARKETING TECHNOLOGIES)

IMT μ SADA Miniaturized Solar Array Drive Assembly

ESA-funded miniaturized SADA for 6U/12U CubeSats with 6 triple-junction solar panels, 118W BOL output, $\pm 0.3^\circ$ pointing, 250g drive unit mass, and CAN bus interface.

Compatible platforms	ISIS/GomSpace 6U, 12U CubeSats
Solar panels	6x triple-junction InGaP/GaAs/Ge, 100 μ m coverglass
BOL wing power	118W at 25°C
Bus voltage	31-54V (typ. 42V)
Bus current	2.6-3.0A (typ. 2.8A)
Pointing accuracy	$\pm 0.3^\circ$ deg
Pointing speed	$\pm 0.07^\circ$ /s nominal, $\pm 0.4^\circ$ /s max

price on request

Contact IMT (Ingegneria Marketing Technologies)

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