

NEWSPACE MARKET · COMPANY PROFILE



DSI Aerospace Technology

Austria · dsi.space

7

PRODUCTS

newspacemarket.com/companies/dsi-aerospace-technology/

as of 27 August 2026

A large, faint, stylized circular graphic is positioned in the lower right quadrant of the page. It consists of a central dark circle surrounded by two concentric, broken circular arcs, creating a target-like or orbital appearance.

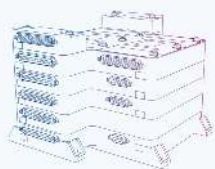
DSI Aerospace Technology

DSI Aerospace Technology develops dependable electronics for space applications. They offer products such as On-board Computers, Payload Data Handling Units, Data Processing Units, Instrument Control Units, and Ground Support Equipment.

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

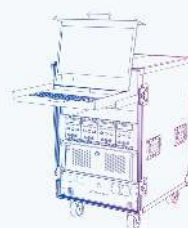


DSI AEROSPACE TECHNOLOGY

Data Processing Units

DSI Processing Units are based on advanced computing systems, including highly capable FPGAs, to provide a wide range of data processing and compute functions in-orbit.

price on request

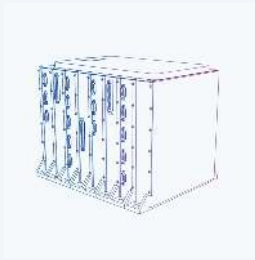


DSI AEROSPACE TECHNOLOGY

Ground Support Equipment

DSI Ground Support Equipment includes all the different units that allow you to test and operate your spacecraft avionics on the ground, including for ground station operations dur

price on request



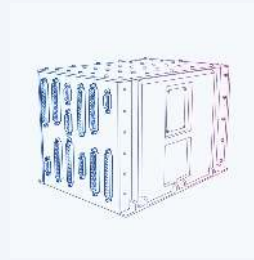
DSI AEROSPACE TECHNOLOGY

Instrument Control Units

DSI ICUs are specialized systems designed to interface directly to a spacecraft instrument and provide control and monitoring on complex subsystems.

Reliability	> 0.99
Configurable Interfaces	SpaceWire, MIL-STD-1553B, RS422, Analogue monitoring, and more
Volume	Customizable
Power Consumption	Customizable

price on request



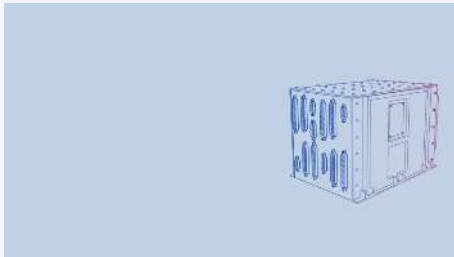
DSI AEROSPACE TECHNOLOGY

On-board Computer

DSI's On-board Computers control and monitor all critical aspects of your spacecraft with a highly reliable, redundant design based on proven radiation-hardened components.

CPU Performance	160 MIPS/FLOPS
Redundancy	Cold or Hot Redundancy
Configurable Interfaces	SpaceWire, MIL-STD-1553B, RS422, Analogue monitoring, and more
Volume	from 250 × 170 × 165 mm ³ (L×W×H), depending on unit
Power Consumption	from 15–25 W peak, depending on unit features
High Reliability	> 0.99

price on request

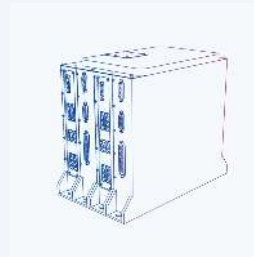


DSI AEROSPACE TECHNOLOGY

On-Board Computers

On-Board Computers provide a reliable central computer for your spacecraft, with flexible interfacing and a robust and redundant CPU.

price on request



DSI AEROSPACE TECHNOLOGY

Payload Data Handling Units

DSI's PDHUs provide mass memory for spacecraft data, offering reliable, high-capacity storage and support functions like telemetry encoding and data processing.

Storage Capacity	1–8 Tbit
Data Rates	Up to 5 Gbps
Volume	from 260 × 133 × 224 mm ³
Power	from 12 W – 35 W

price on request



DSI AEROSPACE TECHNOLOGY

Radiation Testing

DSI Aerospace Technology offers radiation testing services for electronic components used in space applications, ensuring their reliability and functionality in harsh space environ

price on request

Contact DSI Aerospace Technology

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/dsi-aerospace-technology/>

<https://www.dsi.space/>

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