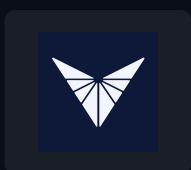


NEWSPACE MARKET · COMPANY PROFILE



Voyager Technologies

United States · founded 2019 · voyagertechnologies.com

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WITH DATASHEETS

newspacemarket.com/companies/voyager-space/

as of 20 August 2026



Voyager Technologies

Voyager Technologies (formerly Voyager Space) is a U.S. space and defense technology company headquartered in Denver, Colorado. Founded in 2019 by Dylan Taylor and Matthew Kuta, the company grew through a series of acquisitions of specialized space and defense hardware businesses, rebranded from Voyager Space to Voyager Technologies in January 2025, and completed its IPO on the NYSE (ticker VOYG) in June 2025. The company organizes its work across three principal lines: Defense & National Security, Space Solutions, and Starlab Space Stations, spanning air, land, space and cyber domains. Its product lines include electric-propulsion hardware (the Halo thruster and Halo Kit families), attitude-determination sensors (the VANTAGE sensor family, including VANTAGESun), and signal-exploitation and spectrum-dominance systems (including BarraCUDA), alongside radar processing, RF/optical communications terminals, avionics processors, and mission operations services offered to commercial and government customers. Voyager's flagship program is Starlab, a commercial space station intended to serve as a successor destination to the International Space Station. Unlike station concepts requiring on-orbit assembly, Starlab is designed to launch fully assembled and functional on a single SpaceX Starship flight. Voyager leads the Starlab joint venture with founding partner Airbus and strategic equity partners Mitsubishi Corporation and MDA Space, supported by Palantir, Northrop Grumman, Hilton, Journey, Space Applications Services and Ohio State University; NASA has awarded the program a Space Act Agreement valued at more than \$217 million. Voyager's subsidiaries include Nanoracks (commercial ISS hardware and the Bishop Airlock, acquired 2021), Space Micro (space electronics), and

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

Crew Training Voyager provides crew training as part of its mission phase streamlining services.	Launch Booking Voyager streamlines the mission phase of launch booking for its customers.
Mission Management (for Space Science and Commercial Space Station Services) Voyager offers comprehensive mission management, overseeing satellite deployments and customer experiments on the International Space Station.	Mission Phase Streamlining (Planning, Payload Design, Safety, Launch Booking, Crew Training, On-Orbit Operations) Voyager streamlines every mission phase, including planning, payload design, safety, launch booking, crew training, and on-orbit operations.
On-Orbit Operations Voyager streamlines on-orbit operations for its customers, ensuring mission continuity.	Signals Intelligence Voyager provides advanced signals intelligence for situational awareness and insights.

Signals Intelligence (SIGINT) Situational Awareness Enhancement

Voyager enhances SIGINT situational awareness through signal processing, geolocation technologies, graphical user interface tools, and data analytics.

System Integration and Test

Voyager performs system integration and test services for defense applications.

Product catalogue



VOYAGER TECHNOLOGIES

5MP Space Camera

The 5MP Space Camera is a space-qualified, radiation-tolerant imaging solution designed for high-resolution imaging and space situational awareness.

Radiation Tolerance better than 800 MRads (Si)

price on request [datasheet](#)

VOYAGER TECHNOLOGIES

BarraCUDA

GPU-based signal exploitation system for airborne, ground and space platforms using open SOSA/MORA/VPX hardware and software standards.

Form factors 3U VPX, Rack Mount, Small Form Factor, Software

Open standards SOSA, MORA, VPX, VITA 49.2

Software stack Big IRON, OMS, RHEL, Kubernetes

Price \$104,000 - \$130,000 per unit

\$104 000 – \$130 000



VOYAGER TECHNOLOGIES

Communication Systems

Space Micro offers a range of high-performance communication systems for space, including laser communication terminals with data rates up to 400+ Gbps and highly reliable RF products.

Data Rates (Laser Communication Terminals) to 400+ Gbps

RF Flight Heritage NASA IRIS, LADEE and TESS missions

price on request



VOYAGER TECHNOLOGIES

CSP CubeSat Space Processor

Compact 1U CubeSat-form-factor single board computer built around a Xilinx Zynq-7020 SoC, with radiation-hardened design for hybrid computing applications.

price on request [datasheet](#)



VOYAGER TECHNOLOGIES

CSS Coarse Sun Sensors

Low-cost single-axis coarse sun sensor, 20 years flight heritage.

price on request



VOYAGER TECHNOLOGIES

FEC Codec

Forward error correction encoder/decoder module from Space Micro for improving reliability of satellite communication links.

Type	Forward Error Correction (FEC) encoder/decoder
Application	Satellite communication link error correction
Function	Reduces BER by adding recoverable redundancy
Heritage	Space Micro (now Voyager Technologies)

price on request

VOYAGER TECHNOLOGIES

Halo12 Kit

The Halo12 Kit is a complete electric propulsion package built around the Halo12 Hall-effect thruster, integrating the thruster, power processing unit, and support hardware into a

Thruster type	Hall-effect (Halo12)
Kit contents	Thruster + power processing unit + support hardware

price on request



VOYAGER TECHNOLOGIES

IPC-7000 Image Processing Computer

Compact 3-board radiation-mitigated image processing computer based on reconfigurable Virtex 7 FPGAs, for high-speed on-orbit image processing and storage.

price on request



VOYAGER TECHNOLOGIES

IPC-8000 VPX Image Processing Computer

Reconfigurable image processing computer in a 3U or 6U Space VPX form factor, supporting high-speed multi-stream image processing and large-capacity solid state recording.

price on request



VOYAGER TECHNOLOGIES

Level Shifter

Radiation-tolerant voltage level shifter module for spacecraft electronics.

price on request



VOYAGER TECHNOLOGIES

MIST Miniature Integrated Star Tracker

Small form factor (0.5U) dual-head integrated star tracker, radiation-tolerant, NDAA-compliant.

price on request [datasheet](#)



VOYAGER TECHNOLOGIES

NanoCom-500™ Software Defined Radio

High-performance 1U space-grade software defined radio with Xilinx Zynq SoC, supporting 500 Mbps throughput, on-orbit programmable with encryption and network protocol support.

Form factor	1U (miniaturized)
Throughput	500 Mbps
Processor	Xilinx Zynq SoC
Programmability	On-orbit reprogrammable
Security	Encryption supported
Protocols	Network protocols supported
Storage	On-board storage

price on request



VOYAGER TECHNOLOGIES

NanoCom™ Software Defined Radio

Miniaturized 1U space-grade software defined radio with Xilinx Zynq SoC, on-orbit programmable, supporting encryption, network protocols and on-board storage.

Form factor	1U (miniaturized)
Processor	Xilinx Zynq SoC
Programmability	On-orbit reprogrammable
Security	Encryption supported
Protocols	Network protocols supported
Storage	On-board storage
Operation modes	Narrowband or wideband

price on request



VOYAGER TECHNOLOGIES

Proton100k Single Board Computer

The Space Micro Proton100k is a radiation-hardened single board computer from the Proton SBC family, designed for high-reliability, mission-critical space and defense computing. Pa

Type	Radiation-hardened single board computer
Product family	Proton SBC series (Space Micro)
Radiation hardening	Latch-up immune, H-Core™ SEU/SEFI mitigation
Memory	ECC-protected
OS support	Linux and real-time OS options
Application	Space and defense mission-critical edge computing

price on request



VOYAGER TECHNOLOGIES

PROTON200K DSP-Based Single Board Computer (SBC)

Radiation-hardened DSP-based processor delivering up to 4000 MIPS for command and data handling, payload, and satellite control applications.

price on request



VOYAGER TECHNOLOGIES

Proton200k-Flt Single Board Computer

DSP-based radiation-tolerant single board computer, flight configuration.

price on request



VOYAGER TECHNOLOGIES

Proton200k-Fx Single Board Computer

DSP-based radiation-tolerant single board computer, Fx configuration.

price on request

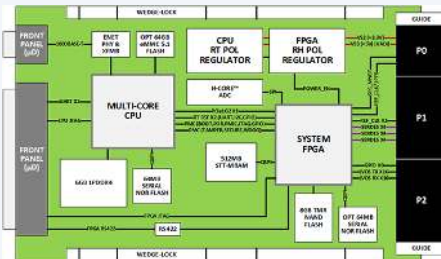


VOYAGER TECHNOLOGIES

PROTON400K Single Board Computer (SBC)

High-performance, low power, radiation-hardened multi-core payload processing SBC based on a 45nm dual-core NXP PowerPC.

price on request



VOYAGER TECHNOLOGIES

PROTON600K Multi-Core Computer

Advanced radiation-hardened 3U SpaceVPX single board computer built around an 8-core FD-SOI ARM Cortex processor with patented SEU/SEFI mitigation.

price on request



VOYAGER TECHNOLOGIES

PROTONVPX-BOX Modular Platform

Modular digital avionics platform with a baseline 5-slot 3U SpaceVPX mesh backplane, configurable to meet a range of mission objectives.

price on request

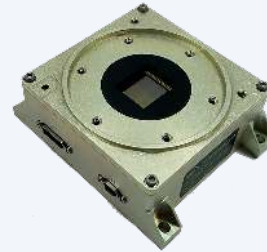


VOYAGER TECHNOLOGIES

SpaceCam 5MP

Space-qualified 5MP scientific-CMOS camera for space situational awareness and high-resolution imaging.

price on request [datasheet](#)



VOYAGER TECHNOLOGIES

SpaceCam 9MP

Advanced space situational awareness camera with built-in processor and SpaceWire/CameraLink interface.

price on request



VOYAGER TECHNOLOGIES

SpacePower-20 SSPA

Space-qualified GaN Solid State Power Amplifier, 5-20 watts RF output, radiation hardened to 100 krad.

price on request



VOYAGER TECHNOLOGIES

SpacePower-50 SSPA

First in Space Micro's line of space-qualified GaN Solid State Power Amplifiers, 5-50 watts RF output, radiation hardened to 100 krad.

price on request



VOYAGER TECHNOLOGIES

Star Trackers, Sun Sensors and GPS

Space Micro offers a line of high-performance star trackers, sun sensors, and GPS receivers for precise spacecraft attitude determination, utilizing flight-tested components and ra

price on request [datasheet](#)



VOYAGER TECHNOLOGIES

Starlab

Commercial space station designed as a successor destination to the International Space Station, launching fully assembled on a single flight.

Launch vehicle	SpaceX Starship (single launch, fully assembled)
Lead company	Voyager Technologies
Founding partner	Airbus
Strategic partners	Mitsubishi Corporation, MDA Space
NASA funding	Space Act Agreement, \$217M+
price on request	



VOYAGER TECHNOLOGIES

uLCT 1 OHA Laser Communication Terminal

Single Aperture Optical Head Assembly laser communication terminal for GEO applications, full duplex GEO-to-GEO crosslinks at 80,000 km.

[price on request](#)



VOYAGER TECHNOLOGIES

uLCT 2 OHA Laser Communication Terminal (Dual Aperture)

Dual Aperture Optical Head Assembly laser communication terminal ideal for LEO, MEO and wide field-of-regard applications.

[price on request](#)

[datasheet](#)



VOYAGER TECHNOLOGIES

uSGLS-100 S-Band Transponder

Flight-proven S-Band transponder for TT&C links between STDN/DSN ground systems and NASA, ESA or commercial satellites.

[price on request](#)

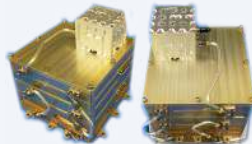


VOYAGER TECHNOLOGIES

uSTAR-250 Star Tracker

High-performance sCMOS star tracker for LEO/MEO/GEO, <2 arcsec accuracy, NDAA-compliant.

[price on request](#)



VOYAGER TECHNOLOGIES

uSTDN-100 S-Band Transponder

High-reliability, low-SWaP S-Band SDR for downlinks, crosslinks and TT&C, flown on NASA IRIS and LADEE.

[price on request](#)



VOYAGER TECHNOLOGIES

VANTAGESun

VANTAGESun is a low-cost, low-mass sun sensor designed for initial orientation and attitude determination during launch vehicle separation, initial attitude acquisition, and emerge

Full Angle Circular Field of View	120°
Accuracy (Coarse)	< 5°
Accuracy (Medium)	< 1°

[\\$3 500 – \\$7 500](#)

[datasheet](#)



VOYAGER TECHNOLOGIES

μKaTX-300™ Ka-Band Transmitter

The Space Micro μKaTX-300™ is a high-reliability Ka-Band transmitter providing high data rate downlink capability up to 4 Gbps using 32QAM modulation. The μKaTX-300 has been in con

Band	Ka-Band
Maximum data rate	4 Gbps
Modulation	32QAM
Frequency	Agile (on-orbit configurable)
Heritage	NASA TESS – over 5 years continuous operation
Configuration	On-orbit reconfigurable

price on request

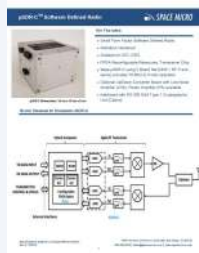


VOYAGER TECHNOLOGIES

μLCT™ 100 Laser Communication Terminal

Miniature laser communication terminal for high-bandwidth optical downlink.

price on request



VOYAGER TECHNOLOGIES

μSDR-C™ Software Defined Radio

Compact C-band software-defined radio from Space Micro for flexible, reconfigurable satellite communication links.

Type	Software Defined Radio (SDR)
Frequency band	C-band
Architecture	Programmable (software-defined)
Application	Satellite communication links
Heritage	Space Micro (now Voyager Technologies)

price on request



VOYAGER TECHNOLOGIES

μXTX-200™ X-Band Transmitter

Miniature X-band transmitter for satellite downlink communications.

price on request

Contact Voyager Technologies

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/voyager-space/>

<https://voyagertechnologies.com/>

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