

NEWSPACE MARKET · COMPANY PROFILE



Honeywell Aerospace

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WITH DATASHEETS

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as of 20 August 2026



Honeywell Aerospace

Honeywell Aerospace is a major division of Honeywell International Inc. (NASDAQ: HON) — a Fortune 100 conglomerate headquartered in Charlotte, North Carolina — providing avionics, satellite navigation equipment, satellite communications systems, inertial navigation systems, and space components to aircraft, spacecraft, and satellite manufacturers worldwide. In the space segment, Honeywell Aerospace manufactures reaction wheel assemblies (for satellite attitude control), star trackers, radiation-hardened electronics, and satellite communication terminals. The company also provides the IntelliSAT satellite communications payload and Honeywell JetWave Ka-band satellite broadband terminals for aviation. Honeywell has supplied space-qualified hardware to NASA missions, commercial GEO satellites, and US military spacecraft for decades, drawing on its deep expertise in precision electromechanical devices and avionics.

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

Aircraft on Ground (AOG) Service

24/7 urgent support for grounded aircraft, including part identification and expedited shipping.

Aircraft on Ground (AOG) Services

Provides urgent, 24/7 global support for grounded aircraft, including technical assistance and parts shipment.

Asset Availability Programs

Tailored programs to reduce ownership and inventory costs, streamline maintenance, logistics, and support with 24/7 service.

Integrated Navigation Data Services (INDS)

Support for signing up, accessing, and using Integrated Navigation Data Services.

Software & Data Services Customer Support (ASDS)

Support for Navigation/Terrain Database and Aircraft Personality Modules (APM) access.

Tailored asset availability programs

Programs designed to reduce ownership and inventory costs, streamline maintenance, logistics, and support with 24/7 service.

Wingman Services Support

Support for buying, downloading, and getting assistance with Navigation & Terrain Databases.

Product catalogue



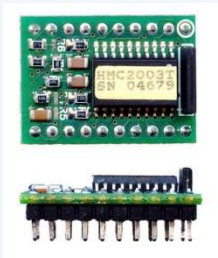
HONEYWELL AEROSPACE

CAES Space RF Filters

A portfolio of high-reliability microwave and millimeter-wave RF filter and multiplexer assemblies engineered by Cobham Advanced Electronic Solutions (CAES) specifically for the ha

Frequency range	Up to 50 GHz
Filter technologies	Lumped element, combine cavity, printed filters, multi-filter assemblies
Multiplexer channel count	2 to 40+ channels
Power handling	Greater than 5 W peak power, greater than 1 W average power
Phase matching/tracking	Less than 2 degrees
Size (select designs)	Less than 0.15 inches in height
Weight (select designs)	Less than 10 grams

price on request



HONEYWELL AEROSPACE

HMC2003 3-Axis Magnetometer

A high-sensitivity, factory-calibrated analog 3-axis magnetometer from Honeywell used for precision magnetic field measurement in navigation and attitude reference applications.

Axes	3 (X, Y, Z)
Field Range	+/-2 gauss
Resolution	40 microgauss
Package	20-pin hybrid DIP
Sensor Elements	HMC1001, HMC1002 magnetoresistive sensors
Output	Analog
Signal Conditioning	3x instrumentation amplifiers, 1 kHz low-pass filters

price on request

datasheet



HONEYWELL AEROSPACE

HMR2300 3-Axis Magnetometer

The HMR2300 is a three-axis smart digital magnetometer that measures the strength and direction of magnetic fields for attitude reference, compassing, and navigation applications.

Axes	3 (X, Y, Z)
Field Range	+/- 2 gauss
Resolution	<0.1 milligauss
Output	16-bit digital
Interface	RS-232 (full-duplex) or RS-485 (half-duplex)
Baud Rate	9600 or 19200
Applications	Attitude reference, compassing, navigation, UAVs

price on request [datasheet](#)



HONEYWELL AEROSPACE

HR04, HC7 & HC9 Reaction Wheel Assemblies

The HR04, HC7, and HC9 are a series of reaction wheel assemblies designed for spacecraft attitude control, offering flexibility in packaging, momentum, and torque options.

Gen 1 Qualification (HC7 and HC9)	Completed in June 2021
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price on request



HONEYWELL AEROSPACE

Momentum Control Systems

Honeywell's Momentum Control Systems offer turnkey controls for arrays of up to six Control Moment Gyroscopes (CMGs), ensuring deterministic, singularity-free operation with guaran

Rotor Momentum	50 ft-lb-sec
Peak Torque	50 ft-lb
Gimbal Rate	1 rad/sec
Power Consumption	120 W
Slew Rate	up to 15 deg/min
Configuration	Single-gimbal CMG

price on request

HONEYWELL AEROSPACE

Radiation-Hardened Space Electronics

Cobham Advanced Electronic Solutions (CAES, formerly Aeroflex) radiation-hardened FPGAs, microprocessors, memory ICs, and ASICs for satellite computing and control electronics.

Products	Rad-hard FPGAs, microprocessors (SPARC-V8, PowerPC), SRAM, DRAM, ASICs
Radiation Tolerance	Single event latch-up immune, TID 100+ krad(Si)
Programs	JWST, Mars Perseverance rover, GPS, DoD national security space
Heritage	LEO, MEO, GEO, and deep space qualified
Controlled	ITAR (US export controlled)
Current Owner	Honeywell Aerospace (acquired CAES 2023)

price on request

Contact Honeywell Aerospace

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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