

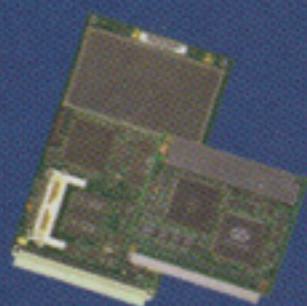


# JAVAD<sup>®</sup>

NAVIGATION SYSTEMS



JGG20



JNSeuro



LGG



JNSbox



HiPer



Prego



JAVAD AT4



JAVAD HD2



MarAnt



AvAnt



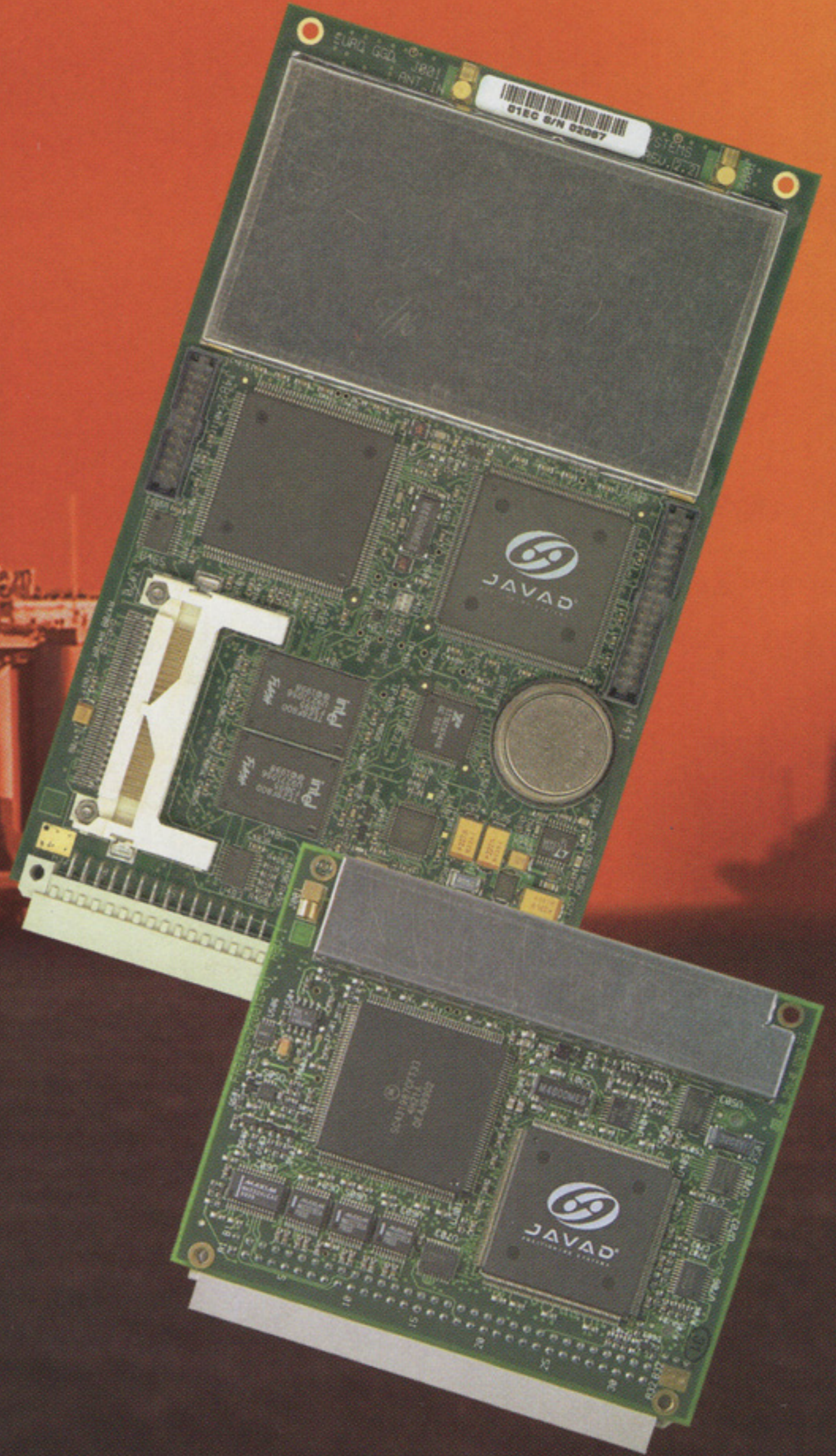
**JAVAD**<sup>®</sup>  
NAVIGATION SYSTEMS

JNSeuro series OEM boards come in three variants. All of them are based on our field proven Paradigm<sup>®</sup> chip, include on board compact flash for data storage of up to 96 Mb and up to four serial ports.

**JNSeuro-GG** Half Eurocard size (80 x 100 mm) with standard Eurocard width, connector and pin-out. 20 channels of single frequency GPS and GLONASS. It has advanced features like Co-Op tracking and Advanced Multipath Mitigation as with other products from Javad. It includes an on-board power supply that accepts any unregulated voltage from 4 to 14 v.d.c. (2 Watts).

**JNSeuro-GD** Half Eurocard size (80 x 100 mm) with standard Eurocard width, connector and pin-out. 20 channels of dual frequency GPS. It has advanced features like Co-Op tracking and Advanced Multipath Mitigation as with other products from Javad. It includes an on-board power supply that accepts any unregulated voltage from 4 to 14 v.d.c. (2 Watts).

**JNSeuro-GGD** The most advanced GPS technology in the world in a standard Eurocard form factor board (160 x 100 mm). It has 20 channels of dual frequency GPS and GLONASS with options such as In-Band Interference Rejection (may require export license for outside US), Co-Op tracking, Advanced Multipath Mitigation, frequency and timing signals, serial, USB and Ethernet ports, an on-board power supply that accepts any unregulated voltage from 4.75 to 28 v.d.c. (3 Watts).



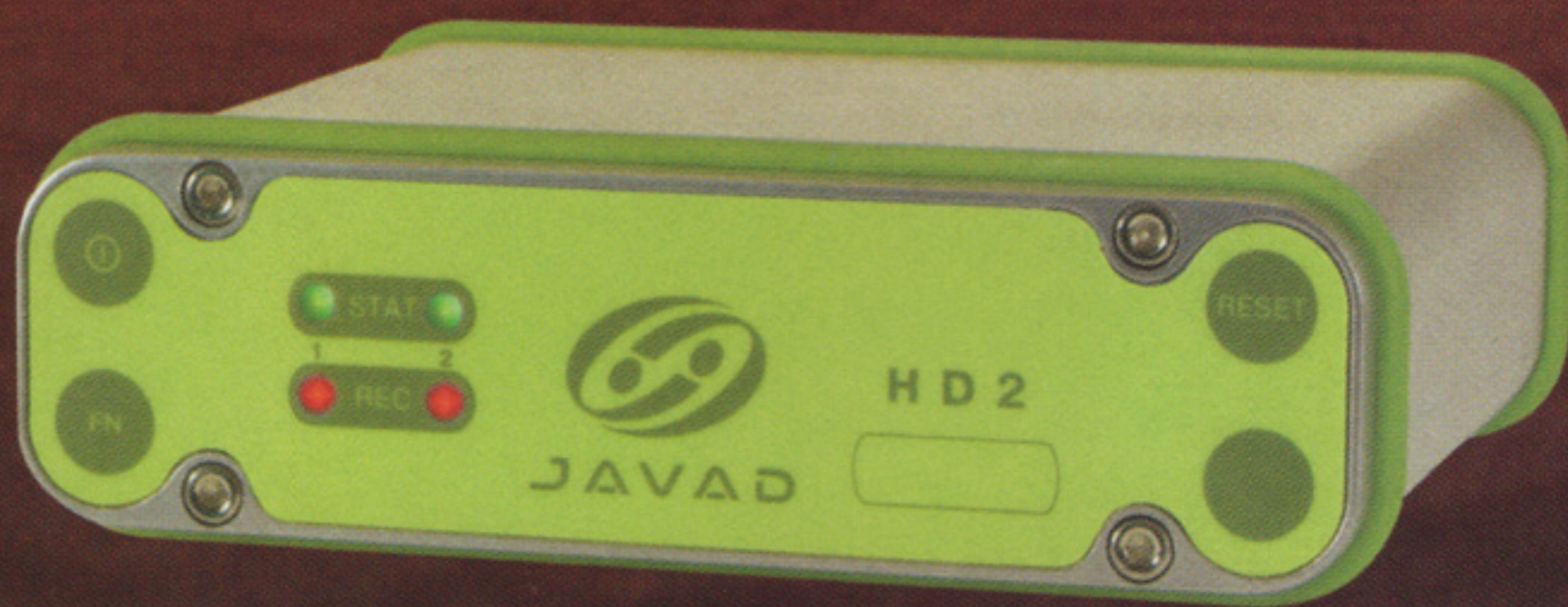
**JAVAD**

**NAVIGATION**

For use in precision applications for surveying, construction, commercial mapping, civil engineering, precision agriculture, land-based construction and agriculture.



JAVAD HD2 is a dual frequency satellite-based two-antenna system that measures true heading. It contains two 20-channel geodetic quality dual frequency GPS (GLONASS optional) receivers packaged in one small box (159 x 49 x 138 mm) that is connected to two antennae whose baseline is fixed at the time of installation. The HD2 can also be operated in RTK or DGPS mode from an external base station to provide highly accurate position and velocity.



ATION

SYSTEMS

For future machine control, photogrammetry mapping, hydrographic and other uses reasonably related to those applications please contact Topcon Positioning Systems



**JAVAD AT4** is the first and the only dual frequency satellite-based attitude system. If you ever doubted the reliability of GPS attitude systems it was because you used single frequency systems. The effective 86 cm dual frequency wavelength (compared to 19 cm of single frequency) makes AT4 the most reliable and the fastest-to-settle attitude system in the world. AT4 is actually four 20-channel geodetic quality dual frequency GPS (GLONASS optional) receivers packaged in one small box (110 x 90 x 130 mm) that is in turn connected to four antennae. The dual frequency code and carrier data from four antennae are processed to determine the three orientation angles and three dimensional position up to 20 times per second. The AT4 can also be operated in RTK or DGPS mode from an external base station to provide highly accurate position and velocity.

[www.javad.com](http://www.javad.com)

Circle 1