

# GNSS-Inertial OEM Module with MEMS Sensors



Trimble (USA) has added the AP20-C to its AP Series of embedded GNSS-Inertial OEM boards plus Inertial Measurement Unit (IMU). Using a compact, custom-built IMU based on commercial Micro Electromechanical Machined (MEMS) inertial sensors, the AP20-C enables system integrators to achieve high-rate position and orientation measurements with exceptional accuracy.

Featuring Applanix IN-Fusion GNSS-Inertial integration technology, the AP20-C is an embedded GNSS-Inertial OEM board set plus IMU designed for continuous mobile positioning in poor signal environments and high-accuracy direct georeferencing of imaging sensors. The AP20-C delivers full, high-rate position and orientation measurements at 200Hz, facilitating use in the most demanding mobile environments

while maintaining performance. It is compatible with Applanix POSPac MMS office software for enhanced accuracy using network differential GNSS.

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<https://www.gim-international.com/content/news/gnss-inertial-oem-module-with-mems-sensors>

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