

Aplus Mobile Provides DARPA Urban Challenge Teams with Computer Systems

Several DARPA Urban Challenge Teams have chosen Aplus Mobile's A20-MC to control their unmanned robotic vehicles.

For Immediate Release

OREGON CITY, Ore./ /October 5, 2007 --- Several DARPA Urban Challenge teams have selected Aplus Mobile's ultra-harsh computing platform, the A20-MC, to manage motion control, sensor networks, vision systems and other tasks. The DARPA Event is scheduled for November 3, 2007.

The Urban Challenge features autonomous robotic ground vehicles maneuvering in a mock city environment, executing simulated military supply missions while negotiating moving traffic and avoiding obstacles. Reliable, high performance, mobile computers are required to meet the demands of the competition. The A20-MC Computer platform became the obvious choice for several teams.

The A20-MC runs directly on 12-29VDC power so no power converters are necessary. It is open architecture allows teams to run Windows, Linux, QNX and other custom operating systems and software on the same A20-MC computer. The Power-Fault-Tolerant™ design with internal uninterruptible power supply (UPS) conditions power from the vehicle so that the computer always have clean power available for mission-critical functions. The A20-MC is sealed to prevent contaminant ingestion, while providing the computing power of the latest mobile Intel processors and chipsets.

Aplus Mobile, Inc. is a USA-based Original Equipment Manufacturer (OEM) high-technology company that was founded in 2004 to design, develop and manufacture DC powered, ultra-harsh environment mobile computers for extreme applications.

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If you would like more information and a press photo package on the A20-MC and Aplus Mobile, Inc., please call Amy Ciesielka at 503-265-9325 or email Amy at AmyC@AplusMobile.com.

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