
Aplus Mobile Sponsors DARPA Urban Challenge Teams With Harsh Environment Mobile Computers

Several DARPA Urban Challenge Teams selected A20-MC Harsh Environment, 12-24 Volt DC Powered, Intel Core 2 Duo Personal Computers produced by Aplus Mobile as the benchmark product to be used in their autonomous robotic vehicles.

For Immediate Release

OREGON CITY, Ore./EWorldWire/March 29, 2007 --- DARPA Urban Challenge teams have a dilemma with their vehicles' 12 Volt electrical systems. Because of the power required to run a control system server, autonomous robotics and a variety of other onboard electronics, their vehicles' alternators become overtaxed and overheated. Aplus Mobile is able to provide a solution.

Several DARPA Teams have chosen to use the A20-MC computer featuring Aplus Mobile's Power Tuned Technology(TM) because it provides high DC power efficiency. These teams are now able to draw less power from the vehicle's electrical system while maintaining the high computing power of Intel's Core 2 Duo processor.

The A20-MC is powered by 12~24 Volts DC and has a 12 Volt DC Uninterruptible Power Supply (12V-UPS(TM)) built in. The Power Fault Tolerant(TM) design survives total power interruption and automotive-type transient voltages. It is ideal for a vehicular environment which has very dirty power interrupted by numerous power drop outs and spikes. The 12V-UPS(TM) is a proprietary feature of all Aplus Mobile computing products.

Vehicles operate in a very harsh environment. Typically, a computer draws air, dirt and water into the computer's casing with a fan and would not survive in a vehicle's harsh environment for very long. The casing of the A20-MC is made of cast-aluminum and sealed so no dirt or water can seep through. The water resistant A20-MC can even be washed down along with the vehicle.

The A20-MC works like a typical laptop or desktop personal computer but is more reliable in harsh environments. It will run popular operating systems such as Windows, Linux or QNX and can be configured to provide options such as a WiFi connection to a main computer system, video capture input or HDTV-OUT connections for big screens which can be used for mass transit or outdoor advertising.

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 harsh environment mobile computers for extreme applications.

For more information and a press photo package on the A20-MC and Aplus Mobile, Inc., contact Amy Ciesielka at (503)265-9325 or e-mail AmyC@AplusMobile.com.

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