

APLUS MOBILE SECURES SECOND NAVY COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENT

Quad core throughput is needed for military robots with heavy computational workloads

APlus Mobile, Inc. (www.aplusmobile.com) has been granted its second Cooperative Research and Development Agreement (CRADA) with SPAWAR, the R & D division of the Navy. The Q40, APlus Mobile's new sealed server, will be incorporated into a next generation robotic platform being developed by SPAWAR for all branches of the military.

Utilizing Intel's Core 2 Quad processors and chipsets, the Q40 sealed server delivers the massive computing power necessary to satisfy the highly complex mission tasks that today's robots and autonomous vehicles perform to protect soldiers, such as IED targeting and neutralization.

The Q40 is shock mounted in a ventless, compact aluminum case, which prevents ingestion of solid or liquid contaminants, the leading cause of field deployed computer failures. Additionally, a patented thermal design prevents the high-powered processor from overheating and possible thermal failure. Powered by the raw 12-29 VDC bus, the Q40's unique power management system eliminates the need for external converters or adaptors, reducing valuable footprint and cost.

"SPAWAR recognizes that the Q40's powerful quad core processor, combined with low latency, electronic stability and open architecture are crucial for reaching the next level of performance in robots." says Tim Faucett, founder and VP of Product Development. "We are very pleased and excited that SPAWAR has extended an additional opportunity to us."

About APlus Mobile, Inc.

APlus Mobile, Inc., founded in 2004, is a privately held OEM/ODM that designs, develops and manufactures DC powered, open architecture, x86 computer and server hardware solutions. Its products are currently in the robotics, military, waste management and oil exploration industries. One of its models, the A20, was on two autonomous vehicles that participated in the 2007 DARPA Urban Challenge. Its latest model, the Q40-MC, performed on a team's UGV in the Robotics Rodeo, held at Fort Benning, GA, October 12-15, 2010. APlus Mobile's casings, PCBs and PCBA's are manufactured in the USA by APlus Mobile or its subcontractors. For more information please visit: [http:// www.aplusmobile.com](http://www.aplusmobile.com)

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