Rugged System Combines Intel Core i5-i7 Performance and Mission-Critical Reliability

December 15, 2011: Logic Supply introduces the Extreme Environment PT912. This is a rugged, industrial system designed for the most demanding applications. With shock and vibration resistance, fanless cooling, and extended operating temperature of -40°C~70°C, the PT912 lends long-term durability to complex usage scenarios typically found in aerospace, medical facilities, transportation, and the factory floor.

Utilizing an Intel Core i5-520M processor supported by the QM57 chipset and up to 4 GB of wide-temperature DDR3 RAM, the PT912 offers an ideal balance between durability and versatility while consuming less than 60 watts of power. It features up to 4 RS-232 COM ports, DisplayPort, Digital I/O, dual Gb LAN and PCI Express x16 and x1 expansion below the board to preserve its compact footprint. A covered front panel slot provides access to a SIM card and CFast slot for embedded operating system installation and hot-swappable storage.

Passive cooling minimizes the number of moving parts, extending system lifetime and protecting internal components from damaging effects of dust, dirt, and grease exposure. The PT912 system is also designed to withstand up to 20 G/11 ms of shock and 3 G of vibration, which further increases reliability resulting in a rugged, dependable device.

JP Ishaq, Product Manager for Logic Supply, commented: “Industrial solutions in unforgiving conditions require special considerations for installation and maintenance. The PT912 is designed specifically for applications requiring maximum possible up-time in harsh environments. This system delivers a rugged, turn-key, go-anywhere solution without compromising performance or features.”

The Extreme Environment PT912 System is now available from Logic Supply. Easily configure with a storage device, wireless adapter, and operating system online or call 802-861-2300 for custom engineered project requirements.

See www.logicsupply.com/PT912 [1]

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[1] http://www.logicsupply.com/PT912