



Welcome Summertime



Predictive Maintenance Solutions

Predictive Maintenance (PdM) is growing in popularity with a variety of industries that want to incorporate technology to improve their operations and return on investment. Not to be confused with preventive maintenance, PdM relies on the collection and analysis of real-time data on the conditions of equipment in plants and facilities. By using PdM to determine when equipment will need maintenance before

they break down, plant and facility staff can reduce downtime and maintenance costs caused by equipment failure and interruptions in manufacturing operations. Axiomtek manufactures high performance computer hardware, e.g., gateway controllers and embedded systems, that are used to help make Predictive Maintenance possible.



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Medical Cart Technology and Trends



Medical carts play an integral part in improving patient care in healthcare facilities. Thanks to the mobility of medical carts integrated with high performance, medical-grade touch panel PCs and feature-rich embedded motherboards, healthcare providers can quickly access patient records at point of care and lessen delays in patient treatment. The installation of medical computers on nursing supply carts also allow for effective identification of correct

medications and administration of accurate dosages to patients during critical situations. Medical cart technology has allowed hospitals and healthcare facilities to provide enhanced patient safety, diagnostic accuracy and better treatment outcome. Axiomtek offers multiple fanless medical panel PCs in different sizes and a wide range of industrial motherboards with a diverse selection of form factors for integration into medical devices.

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PICO316 - Compact, Highly Versatile Pico-ITX Motherboard



- Scalable CPU options with Intel® Celeron® Processor N3350 or Pentium® Processor N4200
- Features one 204-pin DDR3L SO-DIMM socket for up to 8GB of system memory
- Multiple I/O options with one GbE LAN, two COM, three USB 3.0, two USB 2.0 and audio
- Equipped with one PCIe Mini Card slot with mSATA support
- Operational stability with extended operating temperature range of -20°C to +60°C (-4°F to +140°F)

PICO512 - Advanced Pico-ITX Motherboard with Intel® AMT 11 Support



- Scalable CPU options with 7th Generation Intel® Core™ i7/i5/i3 or Celeron® Processors
- Features one 260-pin DDR4-2133 SO-DIMM socket for up to 16GB of system memory
- Expandable with one PCI Express Mini Card slot with mSATA
- Operational stability with extended operating temperature range of -20°C to +70°C (-4°F to +158°F)
- Offers dual display outputs through HDMI and LVDS with 4k resolution

ICO320-83C - Feature-Rich DIN-Rail Embedded System



- Rugged IP40-rated embedded PC with Intel® Celeron® Processor N3350
- Features one DDR3L SO-DIMM slot for up to 8GB of system memory
- Multiple I/O options with four RJ-45 GbE PoE ports, two USB 3.0 and one VGA
- Expandable with one full-size PCIe Mini Card slot with SIM slot and one half-size PCIe Mini Card slot
- Operational stability with extended operating temperature range of -40°C to +70°C (-40°F to +158°F)