

# AXIOMTEK WHITE PAPER ALERT



# Intelligent Power Management



## Axiomtek's Solutions eBOOK

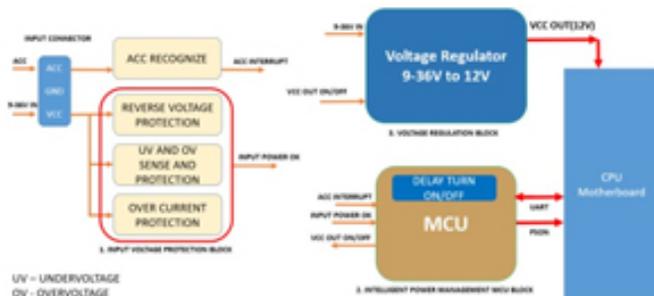
Introducing our newest digital guide, the **Axiomtek Solutions eBOOK**. The eBOOK is designed as a guide to our comprehensive product lines of high quality, reliable industry solutions. It will make the challenging tasks involving the initial search for the right product for your project less cumbersome. The Axiomtek eBOOK will help you find the right solution that will fit your project requirements.



In this Axiomtek Solutions eBOOK, we will showcase transportation innovative solutions, smart automation, food factory production optimized hardware, smart healthcare systems and energy/utility ruggedized solutions.

To learn more about these solutions, check out [us.axiomtek.com](https://us.axiomtek.com) or email us at [solutions@axiomtek.com](mailto:solutions@axiomtek.com)

## White Paper Alert



In many industrial operations, a continuity of power supply is critical to the operation's success. Axiomtek has designed and integrated the Intelligent Power Management (IPM) feature into many of our mission-critical products including our transportation embedded systems – the tBOX product line, our motherboards and other embedded systems - to help our customer combat

power fluctuation issues that could cause operational failures and interruptions. Axiomtek's IPM feature is designed to ensure stability of the system's operation when power fluctuation occurs. It offers easy setup and maintenance through system's utilities, BIOS or OS. This white paper shares detailed knowledge of the inner workings of our IPM feature and how it helps prevent the issues that generally follow power fluctuation in mission-critical applications such as those of the mass transit onboard surveillance. **Read more.**

### **CEM511 - Powerful, Scalable COM Express Type 6 Module with 7th Gen Intel® Core™ i7/i5/i3 Processor**



- Rugged design with an extended operating temperature range from -40°C to +85°C (-40°F to +185°F)
- Outstanding computing, graphics and media performance through its Intel® Gen 9 graphics engine, DirectX 12.0, OCL 2.0, OGL4.3 features and 4K resolution (4096 x 2160 @ 30 Hz) support
- Low power consumption
- Compact yet feature-rich, with 2 DDR4-2133 SO-DIMM, up to 32GB, up to 6 lanes of PCI Express, 3 SATA-750, 4 USB 3.0 and 8 USB 2.0
- AXView 2.0 intelligent remote management software

### **tBOX500-510-FL - Fanless Transportation-certified Embedded System with 7th Gen Intel® Core™ i7/i5/i3 & Celeron® Processors for Vehicle, Railway and Marine Applications**



- EN 50155, EN 50121, E-Mark, ISO 7637 and DNV 2.4 certified and EN 45545-2, IEC 60945 compliant
- Wide operating temperatures from -40°C to +70°C
- Axiomtek's Intelligent Power Management (IPM) feature ensures operational reliability against power fluctuation
- Feature-rich and customizable with optional modularized I/Os for cost efficiency and faster deployment
- Wide variety of power input selections - 12/24/110 VDC power input for different power modules, available with various transportation certificates

### **GOT5153W-845 - 15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060**



- Projected capacitive touch or 5-wire flat resistive touch
- Ultra slim with 375 nits of brightness and LED backlight
- Features 2.5" SATA HDD or mSATA and 204-pin DDR3L-1750 SO-DIMM with up to 8 GB memory capacity
- Built for challenging operations, with IP65 front bezel and IPX1 full enclosure
- 2 Gigabit LAN, 4 USB, 2 COM ports and speakers