AXIOMTEK

Design-in Services

SMART

QUICK DEPLOYMENT

CUSTOMIZED

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Axiomtek Design-in Service

Reduce Design Effort

Lower Project Spending

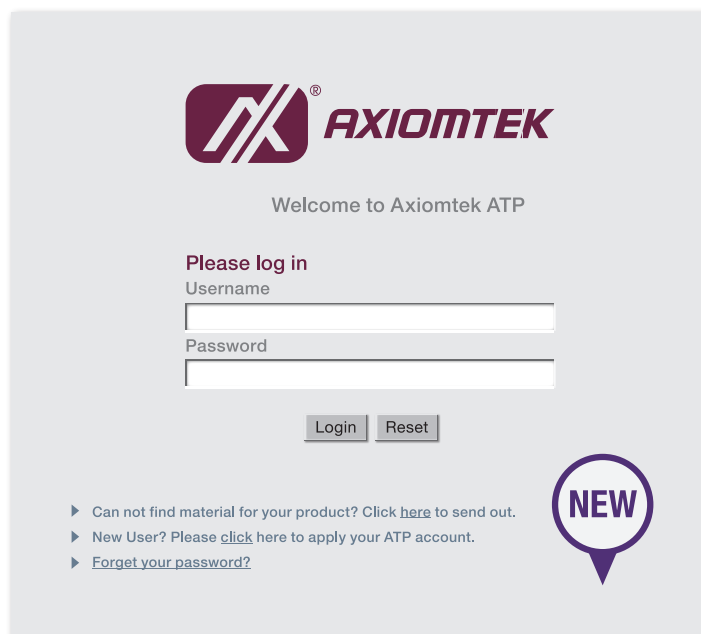**Speed Up Time To Market**

Shorten Development Cycle

Axiomtek Technical Portal

ATP (Axiomtek Technical Portal) is a useful tool that provides technical support, mechanical information and application notes. Please email us at info@axiomtek.com or contact your sales representative for the ID and password to access our technical portal.

Web-based support service

AXIOMTEK

Welcome to Axiomtek ATP

Please log in

Username

Password

Login   Reset

▶ Can not find material for your product? Click here to send out.
▶ New User? Please click here to apply your ATP account.
▶ Forget your password?

NEW

Website http://atp.axiomtek.com.tw/atp/

24/7 SERVICE

The Axiomtek Technical Portal offers you non-stop support, 24 hours a day, 7 days a week to address your critical issues. No matter what time it is or where you are, you can find useful technical information and utilities on it.

Benefits of Axiomtek Technical Portal

Quick and Easy Access

- Automatic login to all applications on your ATP pages
- Tools and information automatically provided to you

Up-to-date Information
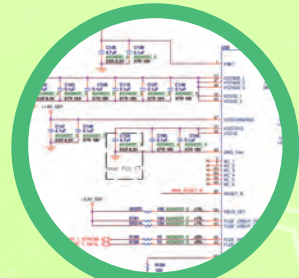
- Direct access to frequently used sites and applications
- Download documents including technical design guides, mechanical 2D/3D drawings, software utilities (uAPI, DIO and Watchdog) and brightness control utilities
- Quick links to additional relevant information

Secure Site

- ATP is a secure site and requires users to log in with a unique user ID and password provided by Axiomtek.

Design Assistance Service

The Design Assistance Service was created to offer support throughout the development process. Our comprehensive suite of services include electric design, heat dissipation, verification tests, product quality control and warranty support. Our goal is to help lessen project development headaches and achieve smooth and fast deployment or time to market.

Initial Planning

- Product selection
- Domain knowledge sharing
- Comprehensive document support

Ready to Ship

Validation

Debug

Design

- Production test
- Material maintenance
- Schedule control
- Warranty support

- Functionality
- Reliability/safety
- Thermal profile test
- Electrostatic signal compatibility
- Certification test

- Power on/off test
- Phenomenon duplicate
- Analysis & verification
- Solution & suggestion

- Schematic review
- Layout review
- Thermal design
- BIOS, EOS customization

Thermal Solution Service

A successful thermal design can improve the reliability of the system and prevent early stage failures when the products go into the field. Axiomtek's thermal solutions service provides viable options for heat dissipation that will meet the project design requirements. The Axiomtek design engineering team will assist the customer with its implementation and testing to ensure successful deployment. We will also provide mechanical and thermal detailed information to customers who may choose to manage the process themselves.

Axiomtek has built up a thermal design database to offer customers board-level ME drawings to assist with designing system chassis. We can provide thermal hot spot images and feasibility studies by using the FloTHERM thermal simulation, which can predict airflow and heat transfer in and around electronic equipment to help reduce design errors and save time.
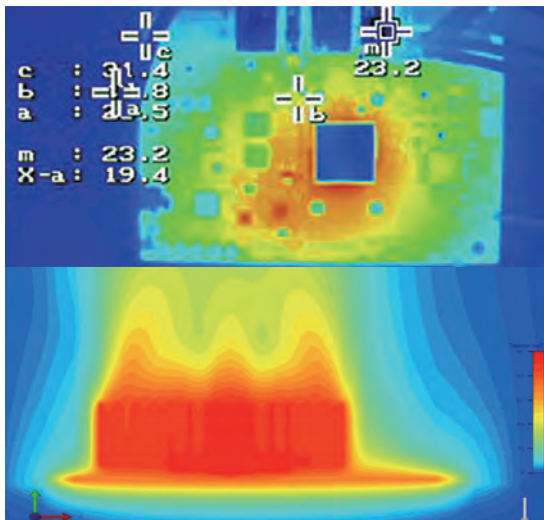
Design support for customer

Axiomtek can provide custom-designed heatsinks or coolers per specifications. The thermal customization service is available upon request.
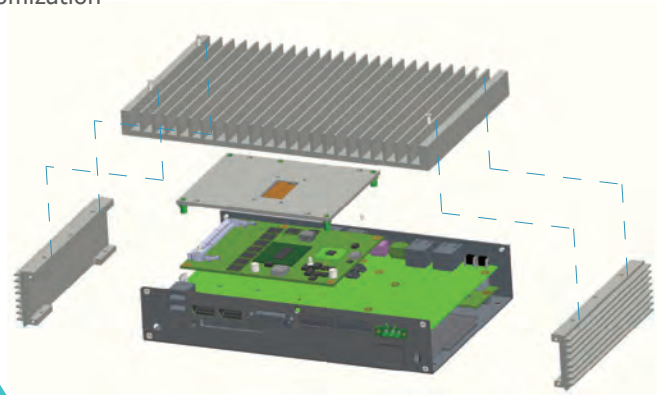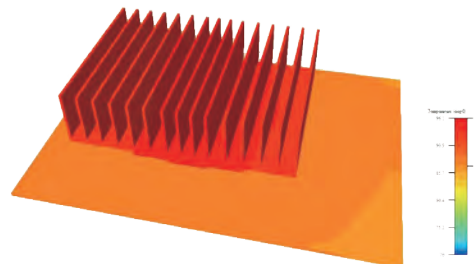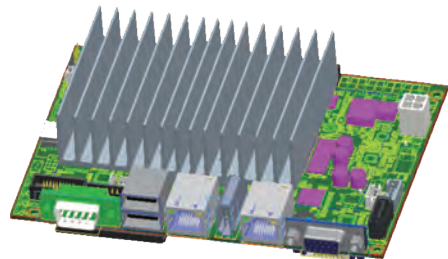
Custom Thermal Solutions

Thermal Solution Service

Proven Thermal Module

Our heatsink/cooler as well as system thermal solutions are designed to suit various temperature conditions.

Embedded Software Service

To meet system resource demands and improve reliability and design time to market, Axiomtek offers embedded software services that include BIOS customization, embedded OS development, software API utility and driver support services.

Embedded Software Services

Customized BIOS

Embedded OS

API Utility & Driver
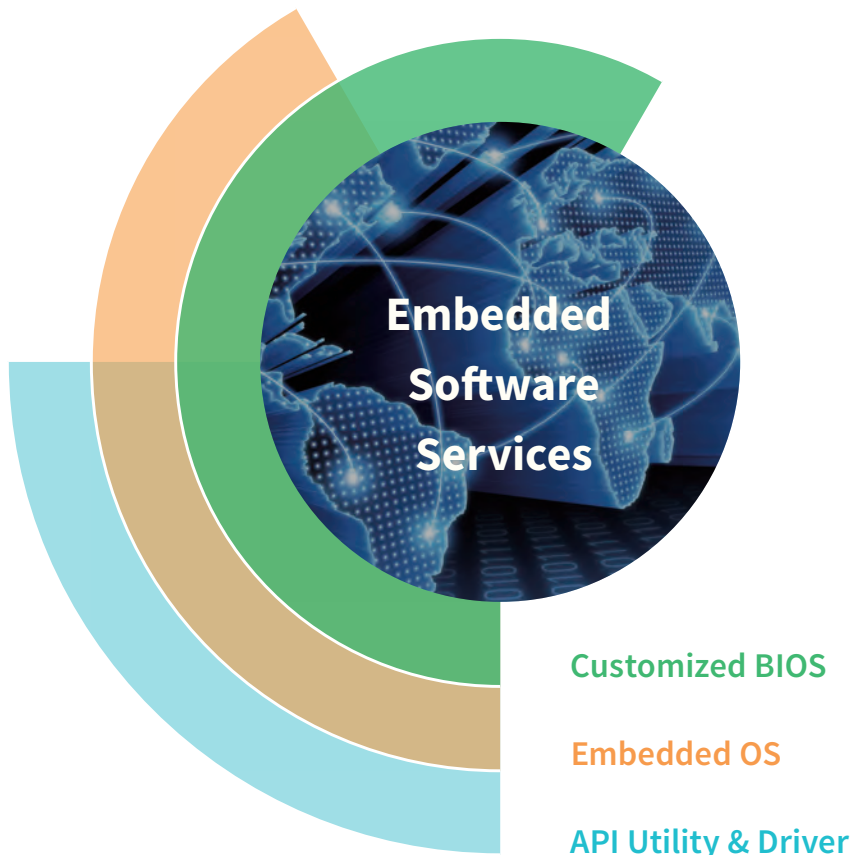
BIOS Customization Services

Axiomtek's customized BIOS services can help our customers differentiate their products and applications from their competitors. The services include:

- Customized BIOS default setting
- Secure password
- LVDS panel resolution support
- I/O resource allocation
- Custom logo

Embedded OS Services

Axiomtek's Embedded OS services offer easy access and control for all platform device functions and the ability to develop a user-friendly interface.

Embedded OS includes:

- Windows® 10 IoT Enterprise/Core Pro
- Windows® Embedded 8/8.1 Pro/Standard/Industry
- Windows® 7 Pro for Embedded System
- Windows® Embedded Standard 7
- Windows® CE 5.0/6.0
- Windows® Embedded Compact 7/Windows® Embedded Compact 2013
- Linux OS
- Android

API Utility and Driver Services

Axiomtek's software API utility and driver services offer enhanced protection to system environment, increased operational reliability and ease of management and maintenance with remote management support.

- uAPI: Hardware monitoring, DIO, WatchDog
- AXView 2.0: Remote management software
- Specific utilities and drivers: CANbus, CANopen, EtherCAT, EMGD driver

Embedded BIOS & Software Support

BIOS Customization Service
Software API Development

Cooler

Electrics

Thermal

Efficiency

AXView 2.0

Modularized Accessory Service

Axiomtek's modularized accessory service provides different levels of customized services to meet various project requirements.

Fully-customized design service

Fully-customized design service provides a total solution from board-level design to system-level integration.

Semi-customized design service

We offer a wide range of embedded boards and accessories that are easy to integrate. Axiomtek can provide a customized I/O board design that will meet your project requirements.

Micro-customized design service

Our micro-customized design service offers minor configuration changes fast and effectively to help achieve quicker deployment.
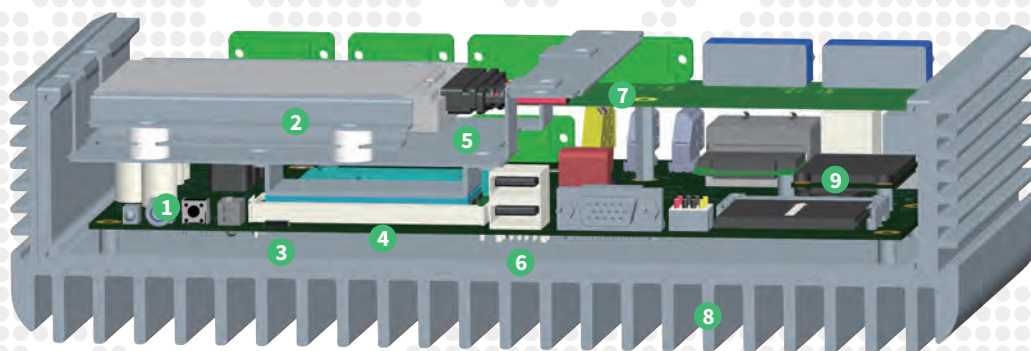
1. **Power modules**
   60W, 90W, 120W
2. **Storage devices**
   SSD, mSATA, CFast
3. **Carrier boards**
4. **Memory modules**
5. **ZIO modules**
   Mini PCI Express, USB, COM, LAN

6. **Embedded boards**
   3.5" SBC, Pico-ITX, COM Express
7. **I/O boards**
   DP/HDMI, USB, LAN
8. **Thermal solutions**
   Heatsink, cooler, system enclosure
9. **Embedded modules**
   Mini card for DIO, CAN, Wi-Fi

Advantages

Increase flexibility and scalability

Reduce system assembly parts

Reduce design complexity

Lower spending and speed up development time

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