Intelligent Medical Solutions

![AXIOMTEK logo]

www.axiomtek.com

Powering Intelligent Healthcare

Certified Medical Computing for AI-Driven Innovation

Axiomtek delivers intelligent medical computing solutions designed for AI-powered healthcare applications. From embedded platforms to fully integrated medical systems, our solutions combine certified safety, high reliability, and long-term support—enabling smarter diagnostics, advanced medical imaging, and connected healthcare environments worldwide.

Comprehensive Service
End-to-end support from system design and integration to certification assistance and long-term lifecycle management.

Medical Certifications
ISO 13485, ISO 14971, and IEC 60601-1 compliant solutions, ensuring safety, reliability, and regulatory readiness for medical AI applications.

Full Customization
Flexible hardware and system customization to support diverse AI workloads, medical workflows, and deployment scenarios.

High Quality
Industrial-grade design and rigorous validation for stable, 24/7 operation in mission-critical healthcare environments.

Medical Design-in Services for Intelligent Healthcare

From Concept to Certified Medical AI Solutions

Axiomtek provides end-to-end design-in services that bridge intelligent medical computing and regulatory compliance—helping healthcare innovators accelerate development with confidence.

Initial Planning
Platform selection aligned with application needs, supported by medical and AI domain expertise.

Design & Development
System architecture, thermal design, and software customization optimized for medical AI performance.

Debug & Optimization
Comprehensive testing, issue analysis, and performance refinement for stable operation.

Validation & Compliance
Medical-grade verification and certification support, including ISO 13485, ISO 14971, ISO 9001, and IEC 60601-1.

Ready to Ship
Reliable manufacturing, quality assurance, and long-term product lifecycle support.

Smart Platforms, Trusted Medical Support

Certified platforms for intelligent healthcare

Axiomtek enables faster deployment of AI-powered medical solutions with certified, customizable platforms.

↘ mBOX Series | Medical Embedded Systems

↘ MPC Series | Medical All-in-One Panel PC

↘ mHPC Series | Medical Rackmount/ Tower Servers

Clinical & Imaging
- Surgical Imaging
- Radiology Imaging
- Surgical Video Recording

Patient Care & Monitoring
- Vital Signs Monitoring
- Bedside Info Terminal
- Mobile Nursing Cart
- Telemedicine

Hospital Operations
- IVD Testing
- Self-Service Kiosk
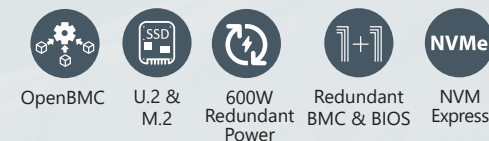- Queue Management
- Admission Desk

AI-Powered Medical Computing Solutions

mHPC110 `NEW`

High-Performance 1U Medical Rackmount Server

- 5th/4th gen AMD EPYC™ 9005/9004 series processors, up to 300W TDP
- 16 DDR5-5600 ECC RDIMM, up to 1.5TB
- 2 25GbE LAN ports, 1 OCP NIC 3.0 slot (supports OCP LAN modules)
- 1 PCIe x16 Gen4 slot (supports GPU/FPGA cards)
- 1 VGA

IPMI 2.0 | OCP 3.0 | TPM 2.0 | 800W Redundant Power

ATX Server Board IMB711

Medical Grade | M.2 | IPMI 2.0 | Redundant BMC & BIOS | TPM 2.0

OpenBMC | U.2 & M.2 | 600W Redundant Power | Redundant BMC & BIOS | NVM Express

mHPC501 `NEW`

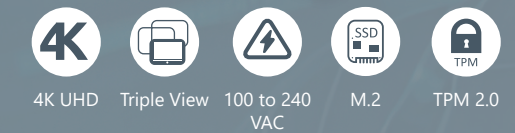### AI-Driven Healthcare Tower Server

- 5th/4th gen Intel® Xeon® Scalable processors, up to 350W TDP
- 8 DDR5-5200 ECC RDIMM, up to 512GB
- Supports 2 3.5" HDDs and four 2.5" SSDs
- 2 10GbE and 1 IPMI GbE LAN ports
- Supports 4 dual-width PCIe x16 slots
- Supports 1000W medical-grade PSU

mHPC202

High-Performance 2U Rackmount Medical Server

- Dual 5th/4th gen Intel® Xeon® Scalable processors, up to 270W TDP
- 16 DDR5-5200 ECC RDIMM, up to 1TB
- 1 DisplayPort 1.1a (supports FHD)
- 2 10GBase-T and 1 IPMI GbE LAN ports
- Supports 4 PCIe x16 slots

AI-Powered Medical Imaging Solutions

TAIWAN EXCELLENCE 2026

4K UHD | Triple View | 100 to 240 VAC | NVM Express | Hot-swap. SSD | TPM 2.0

4K UHD | Triple View | 100 to 240 VAC | M.2 | TPM 2.0

mBOX603 `NEW`

Cutting-Edge Medical Computing System

- 13th/12th gen Intel® i9/i7/i5/i3 processor, up to 65W TDP
- 2 DDR5-5600 SO-DIMM, up to 96GB
- 2 HDMI 1.4b and 1 DisplayPort++ 1.2
- 2 COM and 2 2.5GbE LAN ports
- Supports 2 PCIe x16 slots

mBOX600

Advanced AI-Driven Medical Edge Platform

- 9th/8th gen Intel® Core™ i7/i5 processor, 45W TDP
- 2 DDR4-2666 SO-DIMM, up to 64GB
- 1 HDMI 1.4 and 2 DisplayPort 1.2
- 2 COM and 2 isolated GbE LAN ports
- Supports 1 half-size PCIe x16 slot
- Optional antimicrobial chassis for added protection

AI-Enhanced Medical-Grade Panel Computer

MPC241G `NEW`

24" Full HD Medical All-in-One Panel PC

- AI acceleration with Intel® Core™ Ultra 5/ Ultra 7 processor
- 24" Full HD multi-touch P-CAP display
- DDR5-5600 SO-DIMM, up to 64GB
- Advanced computing with MXM GPU module
- Optional RFID reader and RS-232 integration

DDR5 | USB Type-C | 3-sided Frameless

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ASIA

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