

A Leader in UEFI / BIOS, Remote and BMC Management and Network Storage Innovations Worldwide

American Megatrends Inc. (AMI) creates and manufactures key hardware and software solutions for the global computer marketplace, providing the high quality and compatibility necessary to build today's advanced computing systems.

Established in 1985 by AMI CEO and President Subramonian Shankar, AMI's mission is to design state-of-the-art computer solutions and develop advanced technology for the best computing solutions in the world. Today, AMI is one of the largest independent BIOS and UEFI firmware vendors, with both AMIBIOS® and Aptio® deployed in a high proportion of all desktops worldwide, along with a leading position in firmware solutions for embedded and ultra-mobile computers.

AMI's extensive product line includes StorTrends® network storage solutions, Aptio and Aptio® V UEFI system software and firmware, MegaRAC® remote management firmware and enclosure management controllers, mobile application development, motherboards, backplanes, diagnostic utilities and engineering services. With these product groups, AMI is uniquely positioned to provide all the fundamental components necessary to offer system performance, manageability, and availability for today's enterprise computing requirements. AMI is the only company in the industry today offering all of these core technologies.

Throughout its history AMI has been a consistent leader in the technology industry, accomplishing a number of firsts:

- First to build motherboards based on Intel® 386 and 486 processor platforms, and first to use onboard external cache designs to significantly improve their performance
- First to build and ship a motherboard based on the Intel® Quad-Xeon® processor: the MegaPlex®
- First to support USB in BIOS, first to create a GUI BIOS interface with mouse support, first to integrate diagnostics into BIOS, and first to support ACPI with AMIBIOS, a consistent leader in the BIOS market
- First to develop a native computer diagnostic for UEFI
- First zero-U, rack- and desktop-free, digital KVM over IP
- First SGPIO backplane controllers featuring support for the International Blinking Pattern Interpretation (IBPI) Specification
- First foreign company to receive a research and development grant from the Taipei City Government Department of Economic Development, for its innovative *hOver* touchless computer interface technology

AMI holds an ISO 9001 certification, in recognition of its commitment to quality. This commitment ensures that AMI customers receive the highest quality products - the first time, every time. AMI continues to succeed in today's highly competitive marketplace by bringing new products to market with advanced technology and design, and is recognized each year for these efforts with numerous awards and contracts. AMI also recognizes the increasing demand for reduced total cost of ownership (TCO) in computing platforms from notebooks to servers and provides a line of software diagnostics and related tools that support this need.

Headquartered in Norcross, Georgia and with offices around the world, AMI offers unmatched service and support to its partners. With more than 80% of its employees contributing in an engineering-related capacity, AMI can provide customers with unrivaled hardware and software design services and is uniquely qualified to extend its customers a high level of product customization and technical support services.

Aptio® V UEFI BIOS Firmware

Aptio® V is the "next generation of UEFI BIOS Firmware", featuring support for the latest UEFI



specifications, such as Secure Boot for enhanced security, Fast Boot and EDK II support, together with all of the previous experience, value-adds and improvements of Aptio 4 and AMIBIOS. Full UEFI support also means that Aptio V is fully ready to support Microsoft® Windows™ and the key security and pre-boot optimizations it features - making it the most powerful development solution available in the market.

AMIDdiag® UEFI Diagnostic Suite

AMIDdiag® for UEFI is the only complete diagnostic for UEFI that does not require any dependence on legacy BIOS. Based on award-winning AMIDdiag, it provides comprehensive hardware testing with a familiar user interface for manufacturing burn-in, development, testing and repair.



IoTbrix™ IoT Firmware Development Environment

IoTbrix™ is a cloud-based IoT firmware development environment for nearly effortless creation of IoT firmware on a wide range of silicon platforms. With IoTbrix™, IoT firmware design is truly as simple as dragging and dropping chips, sensors, actuators and similar components into a new project in the web-based design workspace. All that is left is to connect the leads by clicking on the pinouts and IoTbrix™ does the rest, generating the firmware and the underlying code.



AMI Backplane Controllers

AMI offers exceptionally versatile enclosure controller chips for SAS/SATA backplanes. Highly integrated and designed to minimize board space requirements, these chips support key enclosure management features, such as SGPIO, SES-2 and IBPI. They are complemented by a variety of development boards and development tools to speed up backplane design.



MegaRAC® Manageability Solutions

MegaRAC products from AMI enable the next generation of management for blade, desktop and server platforms, providing the building blocks of centralized management, remote presence (KVM over IP and Virtual Media) and IPMI 2.0 side-band management.



MegaRAC® SP-X is a powerful system management tool enabling fast, realistic and high-quality remote management of server systems from anywhere in the world. Administrators enjoy complete Out-of-Band, OS-independent server control including power management, KVM redirection and Virtual Media for robust reliability, availability and serviceability (RAS). MegaRAC SP-X provides customizable packages, multiple processor architectures and extensible features with the latest DMTF management standards including CIM/ CIMOM, SMASH/CLP and WS-Management.



Developed to be fully compliant with the Intel® Rack Scale Design and DMTF Redfish™ standards, MegaRAC® Composer is a pod management software allowing users to browse physical resources at the rack, chassis and system level through an intuitive web-based user interface. Administrators can then compose and assign those physical resources to create a logical node, which provides the advantage of demand-driven dynamic scaling to optimize datacenter resource utilization. MegaRAC Composer also allows for the composition of physical resources based on templates, which can then be stored and reused as a time-saving feature, along with the ability to power on, force off, and gracefully shutdown composed nodes.



StorTrends® Network Storage

StorTrends 1U, 2U and 3U all-flash and hybrid storage appliances make the world of enterprise-class data storage affordable and accessible to small and medium-sized businesses, with features such as local and remote replication, disaster recovery, and intuitive “single pane of glass” management. AMI’s StorTrends iTX network storage management software combines deep functionality with a unified, easy-to-use interface that appeals to novice and



advanced users alike. StorTrends storage appliances offer JBOD expansion capability, network teaming, smart UPS support, software and hardware RAID and much more. Distinctive features like Advanced Snapshots, Deduplication, Data Archiving and powerful Wide Area Data Services (WDS) make StorTrends the perfect choice for a cost-effective, reliable, high-performance and highly manageable SAN or NAS Storage solution.

SnapVDI® Virtual Desktop Infrastructure is an all-in-one VDI solution offering personalized



virtual desktops with a high-quality user experience. Its patent-pending SPARK™ breaks the shackles of existing VDI performance constraints. Users no longer have to compromise on performance, as SnapVDI is guaranteed to provide a rich user experience, even at HD resolution. Moreover, backup and recovery is built-in right into the solution, with added optional failover capability for complete data security.



American Megatrends Inc. | ami.com
5555 Oakbrook Parkway, Bldg. 200
Norcross, GA 30093 | 770.246.8600

For more information: <https://ami.com>