Mg MegaRAC
CommunityEdition™

MegaRAC CommunityEdition™
BMC Management Firmware

AMI MegaRAC CommunityEdition is our production-ready, open-source-based BMC remote management solution developed on core technology from the Linux Foundation OpenBMC project. AMI MegaRAC CommunityEdition can be enhanced with proprietary AMI IP packages (Expansion Packs or EPs) based on the proven MegaRAC firmware stack, trusted for years by leading OEMs and ODMs for its robust, secure remote server management.

MegaRAC CommunityEdition features an intuitive, extensible open-architecture development framework, as well as support for multiple BMC/Hardware-System-on-Chip (SOC) platforms, including ASPEED®, EMULEX® and other leading manufacturers.

The key to its flexibility is a robust "common core" concept that delivers a highly managed source base with high ROI, and a complete Service Processor Solution for wide product deployments. MegaRAC CommunityEdition includes dedicated support, code patches, and security advisories that all AMI customers trust and expect.

MegaRAC CommunityEdition encompasses a family of blended Firmware/ Software, Tools & Utilities, and Services.

Features:

MegaRAC CommunityEdition offers a number of key benefits to give customers true value, stability and peace of mind, including:

- Hardened core supported and maintained by AMI

- Support for major industry protocols/interfaces

- Expansion Packs for enterprise manageability

- Subscription-based Support model

- Dedicated "product-level" Support

- Security patches and advisories

- Guaranteed roadmap of features, industry-standard, and technology support for smooth project delivery

MegaRAC CommunityEdition FW/SW Solutions

- For server BMC (Baseboard Management Controller)

- For enclosure BMC (Chassis or Rack Manager)

- For infrastructure BMC (Interconnect Fabric Manager)

- Licensable modules – Expansion Packs (EPs)

MegaRAC CommunityEdition Services

- Subscription-based Support

- Fee-based services for complete development and delivery of the product

- Turnkey and Engineering (NRE) Services, including BMC feature design and customization

- Hardware Platform Porting

- Quality Assurance (QA) & Security Analysis Services

MegaRAC CommunityEdition firmware supports multiple Open Compute Project® (OCP®) and non-OCP Customer Reference Boards (CRBs), with new platform support being added on a periodic basis. Currently supported platforms include:

- WiWynn® "Tioga Pass", MiTAC® "Tioga Pass"

- Microsoft® Project Olympus platform

- Intel® Server System ("Wolfpass") CRB

- Intel® Xeon® server processor ("Eagle Stream" / "Archer City")

AMI Value-Add

- Additional core features developed on top of the Linux Foundation OpenBMC and Intel® OpenBMC projects

- Expansion Packs for added manageability

- Tiered, subscription-based support plans to fit individual customer needs

- Enhanced code quality with rigorous QA testing

- Improved code stability with hardened interfaces (IP)

- Sophisticated, modern toolchain for the highest level of project manageability

- A complete collaborative development framework for a hassle-free, quality product delivery

For more information, please visit: https://www.ami.com/open-source/