



MegaRAC OpenEdition™ Management BMC Firmware

MegaRAC OpenEdition is a hardened, production version based on The Linux Foundation® OpenBMC™ firmware. MegaRAC OpenEdition can be enhanced with proprietary AMI IP packages based on the proven MegaRAC firmware stack, trusted for years by leading OEMs and ODMs for its robust, secure remote server management.

MegaRAC OpenEdition features an intuitive, extensible open-architecture development framework, as well as support for multiple BMC/Hardware-System-on-Chip (SOC) platforms, including AST, Pilot, Poleg, 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 OpenEdition includes dedicated support, code patches and security advisories that all AMI customers trust and expect.

MegaRAC OpenEdition encompasses a family of blended Firmware/ Software, Tools & Utilities and Services:

Features:

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



- Hardened code, supported and maintained by AMI



MegaRAC OpenEdition FW/SW Solutions

- For server BMC (Baseboard Management Controller)
- For enclosure BMC (Chassis or Rack Manager)
- For infrastructure BMC (Interconnect Fabric Manager)
- Essential Licensable IP modules to provide complete manageability
- Full-feature DevNet development environment, which offers distinct advantages and benefits for FW enhancement



MegaRAC OpenEdition Services

- 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 OpenEdition firmware supports a number of Customer Reference Board (CRB) designs, 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

AMI Value-Add

- Features are added on top of the open source trees from The Linux Foundation® OpenBMC™ and TianoCore EDK II trees.
- Sophisticated, modern tool-chain for the highest level of project manageability
- A complete collaborative development framework for for a hassle-free, quality product delivery

Features:

- Long-term support (LTS) model
- Dedicated “product-level” support



For more information please visit: ami.com/ocp

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AMI DevNet – Cloud Based Development

- No Local IDE (MDS) Installation required
Web Browser based development
Updates or fixes are available immediately to the customers
Centralized and better project control
- Integrated with Git Source Control
Modern and easy-to-use version control which is integrated with DevOps and Project Management
- Coding Standard Enforcer
Ensures that all code adheres to company-defined coding standards
- Integrated Static Code Analyzer
Performs automated static code analysis and alerts developers with any issues

Features:

- Security patches and advisories from dedicated security analysis
- Guaranteed roadmap of features, industry-standard and technology support for smooth project delivery



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