AMI BIOS Configuration Program (AMIBCP) is a powerful customization utility that enables OEMs/ODMs to customize the AMIBIOS®8 ROM image without intervening on the source code and rebuilding the BIOS. With AMIBCP it is possible to change various BIOS parameters and obtain multiple ROM image flavors ready for production.

AMIBCP for AMIBIOS®8 is an easy to use graphical tool supporting Windows operating systems. The program can be utilized with all versions of AMIBIOS®8.

AMIBCP is utilized to modify several parameters:
- Configure AMIBIOS®8 system setup
- Edit the registers tables
- Edit the legacy PCI routing table
- View and edit AMIBIOS®8 features
- View and edit AMIBIOS®8 strings
- View and modify DMI/SMBIOS tables

Some of these features may not be supported by the firmware to be edited, in which case the corresponding tab will not appear.

The AMIBCP setup configuration function allows to:
- Edit the control group structure names
- Show or hide setup screens and setup questions
- Modify access levels and usage
- Edit failsafe and optimal values

The AMIBIOS®8 register tables contain chipset register, data, or other fields that can be edited and saved with AMIBCP. The use of this function requires working knowledge about the specific chipset in use.

The BIOS Features tab allows you to view and configure some of the AMIBIOS®8 features.
- BIOS Date
- BIOS Name
- Processor
- Major Version
- ID String 1
- BIOS Size
- BIOS Tag
- Reference Number
- Minor Version
- CPU Microcode Update Patches
- Sign On Message
- OEM Data (if available)