

Platform Feature Support Matrix												
SAA (In-Band) Solution Feature [Group] Command	HW & FW Compatibility											
	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors	H14 AMD EPYC	NVIDIA GB200
[Health Management]												
CheckSensorData	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
ChassisIntrusion	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
CheckSelfTest	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
[System Management]												
GetFruInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
RestoreFruInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
ChangeFruInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
GetSystemInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
GetPsFruInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No
GetFanMode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
SetFanMode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
[BIOS Management]												
GetBiosInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
UpdateBios	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
GetDmiInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
ChangeDmiInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
EditDmiInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
GetBootOption	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
SetBootOption	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
[BMC Management]												
GetBmcInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UpdateBmc	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
DownloadBmcCfg	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
UploadBmcCfg	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No

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LoadDefaultBmcCfg	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
BmcReset	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
GetBmcUserList	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
BmcLanManage	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No
BmcHostName	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
[System Event Log]												
GetEventLog	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
ClearEventLog	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
GetMaintenEventLog	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
ClearMaintenEventLog	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
[Power Management]												
GetPulInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
DcmiManage	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No
[Application]												
RawCommand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
[GPU Management]												
GetGpuInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
UpdateGpu	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	No	No	No	Yes	Yes	Yes
[CPLD Management]												
GetCpldInfo	Yes for RoT No for non-RoT	No	Yes	Yes for RoT No for non-RoT	No	Yes	No	No	Yes	Yes	Yes	Yes
UpdateCpld	Yes for RoT No for non-RoT	No	Yes	Yes for RoT No for non-RoT	No	Yes	No	No	Yes	Yes	Yes	Yes
GetSwitchboardCpldInfo	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No
UpdateSwitchboardCpld	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No

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GetFanboardCpldInfo	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No
UpdateFanboardCpld	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No
GetBackplaneCpldInfo	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes
UpdateBackplaneCpld	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes
GetAomboardCpldInfo	No	No	No	No	No	No	No	No	Yes	No	No	Yes
UpdateAomboardCpld	No	No	No	No	No	No	No	No	Yes	No	No	Yes
GetMiscCpldInfo	No	No	No	No	No	No	No	Yes	Yes	No	No	No
UpdateMiscCpld	No	No	No	No	No	No	No	Yes	Yes	No	No	No
[Multi-Node Management]												
TpInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No
GetMultinodeLcmInfo	No	No	Yes	No	No	Yes	No	No	No	Yes	Yes	No
UpdateMultinodeLcm	No	No	Yes	No	No	Yes	No	No	No	Yes	Yes	No
[Security Management]												
BiosRotManage	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No
SecureBootManage	No	No	Yes	No	No	Yes	No	No	No	Yes	Yes	No
GetLockdownMode	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
BmcRotManage	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No	Yes	Yes	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No
CpldRotManage	Yes for RoT2.0 No for others	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No
GetCpuERoTInfo	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No
UpdateCpuERoT	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No	No
CpuERoTManage	No	No	No	No	No	No	No	No	No	No	No	No
CpldRotManage	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No	No
FpgaRotManage	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No	No
GetGpuERoTInfo	No	No	No	Yes	Yes	Yes	No	No	No	No	Yes	No

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