

[illegible]

[illegible]

GetMaintenEventLog	No	No	No	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ClearMaintenEventLog	No	No	No	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
GetHostDump	No	No	No	No	No	No	No	No	No	Yes	Yes (Support BMC AST2600 only)	Yes	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes	No	No	Yes
[Storage Management]																			
GetRaidControllerInfo	No	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
UpdateRaidController	No	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
GetRaidCfg	No	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
ChangeRaidCfg	No	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
GetSataInfo	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
GetNvmeInfo	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
ControlNVMe	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
SecureEraseDisk	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
SecureEraseRaidHdd	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No
GetPMemInfo	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No
UpdatePMem	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No
GetVROCCfg	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No
ChangeVROCCfg	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No
[NIC Management]																			
GetAccNICInfo	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes
UpdateAccNIC ¹	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes
[Application]																			
RawCommand	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetUsbAccessMode	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No
SetUsbAccessMode	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No
LocateServerUid	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SetHttpBoot	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes
KmsManage	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No
RedfishAPI	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
ChangeSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
RemoteExec	Yes for supported remote OS installed																No	Yes for supported remote OS installed	

[PSU Management]																			
GetPsuInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
UpdatePsu	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
UpdatePsu with LCMC	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
GetPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
SetPowerAction	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
[TPM Management]																			
TpmProvision	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No
GetTpmInfo (SMCI OTA)	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No
GetTpmInfo (Intel OTA)	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No
GetTpmInfo (AMD)	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No
TpmManage (SMCI OTA)	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No
TpmManage (Intel OTA)	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No
[GPU Management]																			
GetGpuInfo	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
UpdateGpu	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes (Support BMC AST2600 only)	Yes	Yes	No	No	Yes
[CPLD Management]																			
GetCpldInfo	No	No	No	No	No	No	No	No	No	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	No	Yes	Yes	No	No
UpdateCpld	No	No	No	No	No	No	No	No	No	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	No	Yes	Yes	No	No
CpldRotManage	No	No	No	No	No	No	No	No	No	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	No	No	No
GetSwitchboardCpldInfo	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	No
UpdateSwitchboardCpld	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	No
GetFanboardCpldInfo	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	No
UpdateFanboardCpld	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	No
GetAomboardCpldInfo	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	Yes
UpdateAomboardCpld	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	Yes
GetMiscCpldInfo	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
UpdateMiscCpld	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
[AIP Management]																			
GetAipCpldInfo	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No
UpdateAipCpld	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No

[TwinPro Management]																				
GetTpCtg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	
ChangeTpCtg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	
[CDU Management]																				
MonitorCDUStatus	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
[Backplane Management]																				
GetMultinodeEcInfo	No	No	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No	
UpdateMultinodeEc	No	No	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No	
[VM Management]																				
MountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	
UnMountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	
MountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	
UnMountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	
GetVmInfo	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	
VmManage	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	
[PCleSwitch Management]																				
GetPcleSwitchInfo	No	No	No	No	No	No	No	No	No	Yes(Support X12DSC-6 only)	No	No	No	Yes(Support H12DGG-NT6 only)	No	No	No	No	No	
UpdatePcleSwitch	No	No	No	No	No	No	No	No	No	Yes(Support X12DSC-6 only)	No	No	No	Yes(Support H12DGG-NT6 only)	No	No	No	No	No	
[Security Management]																				
GetCpuERoTInfo	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
UpdateCpuERoT	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
GetGpuERoTInfo	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
CpuERoTManage	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
FpgaRoTManage	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
[FPGA Management]																				
GetMotherboardFpgaInfo	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
UpdateMotherboardFpga	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
[MCU Management]																				
GetMotherboardMcuInfo	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	
UpdateMotherboardMcu	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	

NOTE	
1	Please refer to Tab "NIC Chipset"

Platform Feature Support Matrix							
SUM CMM OOB Commands Solution Feature	HW & FW Compatibility						
	Without CMM	With CMM					
	All platforms	B1 series	B10	B11	B12	MicroBlade	SuperBlade
[CMM Management]							
UpdateCmm	No	Yes	Yes	Yes	Yes	Yes	Yes
GetCmmInfo	No	Yes	Yes	Yes	Yes	Yes	Yes
GetCmmCfg	No	Yes	Yes	Yes	Yes	Yes	Yes
ChangeCmmCfg	No	No	Yes	Yes	Yes	Yes	Yes
SetCmmPassword	No	No	Yes	Yes	Yes	Yes	Yes
LoadDefaultCmmCfg	No	Yes	Yes	Yes	Yes	Yes	Yes
GetBbpInfo	No	Yes	Yes	Yes	Yes	Yes	Yes
UpdateBbp	No	Yes	Yes	Yes	Yes	Yes	Yes
GetBladePowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes
SetBladePowerAction	No	Yes	Yes	Yes	Yes	Yes	Yes
ProfileManage	No	No	No	No	No	Yes (Support CMM_AST2400_64MB and CMM AST2600)	Yes (Support CMM_AST2400_64MB and CMM AST2600)
GetSystemCfg	No	No	No	Yes	Yes (For B12SPE, B12DPT, BH12SSI B13SEE, B13DEE, B13DET, and B3ST1 only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blade for B3ST1 under the system only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blades for B12SPE, B12DPT, BH12SSI and B13SEE, B13DEE, B13DET Yes
ChangeSystemCfg	No	No	No	Yes	Yes (For B12SPE, B12DPT, BH12SSI B13SEE, B13DEE, B13DET, and B3ST1 only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blade for B3ST1 under the system only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blades for B12SPE, B12DPT, BH12SSI and B13SEE, B13DEE, B13DET only)
GetSwitchInfo	No	No	No	No	No	Yes	Yes
UpdateSwitch	No	No	No	No	No	Yes	Yes
RebootSwitch	No	No	No	No	No	Yes	Yes

Platform Feature Support Matrix

SUM Switch OOB Commands Solution Feature	HW & FW Compatibility
	SBM-25G-P10/BMB-25G-P10 MBM-XEM-002/SBM-25G-100/MBM-GEM-004
[CMM Management]	
UpdateSwitch	Yes
RebootSwitch	Yes

Platform Feature Support Matrix

SUM (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility			
	x86_64			ARM64
	Linux	Windows	FreeBSD	Linux
[Key Management]				
ActivateProductKey	Yes	Yes	Yes	Yes
QueryProductKey	Yes	Yes	Yes	Yes
[BIOS Management]				
UpdateBios	Yes	Yes	Yes	Yes
GetBiosInfo	Yes	Yes	Yes	Yes
GetDefaultBiosCfg	Yes	Yes	Yes	Yes
GetCurrentBiosCfg	Yes	Yes	Yes	Yes
ChangeBiosCfg	Yes	Yes	Yes	Yes
LoadDefaultBiosCfg	Yes	Yes	Yes	Yes
GetDmiInfo	Yes	Yes	Yes	Yes
EditDmiInfo	Yes	Yes	Yes	Yes
ChangeDmiInfo	Yes	Yes	Yes	Yes
SetBiosAction	Yes	Yes	Yes	No
SetBiosPassword	Yes	Yes	Yes	Yes

EraseOAKey	Yes	Yes	Yes	No
BiosRotManage	Yes	Yes	Yes	Yes
UpdateScp	Yes	Yes	Yes	Yes
GetScpInfo	Yes	Yes	Yes	Yes
GetFixedBootCfg	Yes	Yes	Yes	Yes
ChangeFixedBootCfg	Yes	Yes	Yes	Yes
SecureBootManage	Yes	Yes	Yes	Yes
[BMC Management]				
UpdateBmc	Yes	Yes	Yes	Yes
GetBmcInfo	Yes	Yes	Yes	Yes
GetBmcCfg	Yes	Yes	Yes	Yes
ChangeBmcCfg	Yes	Yes	Yes	Yes
SetBmcPassword	Yes	Yes	Yes	Yes
GetLockdownMode	Yes	Yes	Yes	Yes
SetLockdownMode	Yes	Yes	Yes	Yes
GetKcsPriv	Yes	Yes	Yes	Yes
SetKcsPriv	Yes	Yes	Yes	Yes
LoadDefaultBmcCfg	Yes	Yes	Yes	Yes
BmcRotManage	Yes	Yes	Yes	Yes

TimedBmcReset	Yes	Yes	Yes	Yes
Attestation	Yes	Yes	Yes	Yes
GetBmcUserList	Yes	Yes	Yes	Yes
SetBmcUserList	Yes	Yes	Yes	Yes
GetBmcLANCfg	Yes	Yes	Yes	Yes
ChangeBmcLANCfg	Yes	Yes	Yes	Yes
RmcpManage	Yes	Yes	Yes	Yes
BootStrappingAccount	Yes	Yes	Yes	Yes
[System Check]				
CheckOOBSupport	Yes	Yes	Yes	Yes
CheckAssetInfo	Yes	Yes	Yes	Yes
CheckSystemUtilization	Yes	Yes	Yes	Yes
CheckSensorData	Yes	Yes	Yes	Yes
ServiceCalls	Yes	Yes	Yes	Yes
SystemPFA	Yes	Yes	Yes	Yes
MemoryHealthCheck	Yes	Yes	Yes	Yes
CpuOnDemand	Yes	Yes	No	Yes
GetFruInfo	Yes	Yes	Yes	Yes
RestoreFruInfo	Yes	Yes	Yes	Yes

ChassisIntrusion	Yes	Yes	Yes	Yes
[System Event Log]				
GetEventLog	Yes	Yes	Yes	Yes
ClearEventLog	Yes	Yes	Yes	Yes
GetMaintenEventLog	Yes	Yes	Yes	Yes
ClearMaintenEventLog	Yes	Yes	Yes	Yes
GetHostDump	Yes	Yes	Yes	Yes
[Storage Management]				
GetRaidControllerInfo	Yes	Yes	Yes	Yes
UpdateRaidController	Yes	Yes	Yes	Yes
GetRaidCfg	Yes	Yes	Yes	Yes
ChangeRaidCfg	Yes	Yes	Yes	Yes
GetSataInfo	Yes	Yes	Yes	Yes
GetNvmeInfo	Yes	Yes	Yes	Yes
ControlNVMe	Yes	Yes	Yes	Yes
SecureEraseDisk	Yes	Yes	Yes	Yes
SecureEraseRaidHdd	Yes	Yes	Yes	Yes
GetPMemInfo	Yes	Yes	Yes	Yes
UpdatePMem	Yes	Yes	Yes	Yes

GetVROCCfg	Yes	Yes	Yes	Yes
ChangeVROCCfg	Yes	Yes	Yes	Yes
[NIC Management]				
GetAocNICInfo	Yes	Yes	Yes	Yes
UpdateAocNIC	Yes	Yes	Yes	Yes
[Application]				
RawCommand	Yes	Yes	Yes	Yes
GetUsbAccessMode	Yes	Yes	Yes	No
SetUsbAccessMode	Yes	Yes	Yes	No
LocateServerUid	Yes	Yes	Yes	Yes
SetHttpBoot	Yes	Yes	Yes	Yes
KmsManage	Yes	Yes	Yes	Yes
RedfishAPI	Yes	Yes	Yes	Yes
GetSystemCfg	Yes	Yes	Yes	Yes
ChangeSystemCfg	Yes	Yes	Yes	Yes
RemoteExec	Yes	Yes	Yes	Yes
[PSU Management]				
GetPsuInfo	Yes	Yes	Yes	Yes
UpdatePsu	Yes	Yes	Yes	Yes

UpdatePsu with LCMC	Yes	Yes	Yes	Yes
GetPowerStatus	Yes	Yes	Yes	Yes
SetPowerAction	Yes	Yes	Yes	Yes
[TPM Management]				
TpmProvision	Yes	Yes	Yes	Yes
GetTpmInfo (SMCI OTA)	Yes	Yes	Yes	Yes
GetTpmInfo (Intel OTA)	Yes	Yes	Yes	Yes
GetTpmInfo (AMD)	Yes	Yes	Yes	Yes
TpmManage (SMCI OTA)	Yes	Yes	Yes	Yes
TpmManage (Intel OTA)	Yes	Yes	Yes	Yes
[GPU Management]				
GetGpuInfo	Yes	Yes	Yes	Yes
UpdateGpu	Yes	Yes	Yes	Yes
[CPLD Management]				
GetCpldInfo	Yes	Yes	Yes	Yes
UpdateCpld	Yes	Yes	Yes	Yes
CpldRotManage	Yes	Yes	Yes	Yes
GetSwitchboardCpldInfo	Yes	Yes	Yes	Yes
UpdateSwitchboardCpld	Yes	Yes	Yes	Yes

GetFanboardCpldInfo	Yes	Yes	Yes	Yes
UpdateFanboardCpld	Yes	Yes	Yes	Yes
[AIP Management]				
GetAipCpldInfo	Yes	Yes	Yes	Yes
UpdateAipCpld	Yes	Yes	Yes	Yes
[TwinPro Management]				
GetTpCfg	Yes	Yes	Yes	Yes
ChangeTpCfg	Yes	Yes	Yes	Yes
[CDU Management]				
MonitorCDUStatus	Yes	Yes	Yes	Yes
[Backplane Management]				
GetMultinodeEcInfo	Yes	Yes	Yes	Yes
UpdateMultinodeEc	Yes	Yes	Yes	Yes
[VM Management]				
MountIsoImage	Yes	Yes	Yes	Yes
UnMountIsoImage	Yes	Yes	Yes	Yes
MountFloppyImage	Yes	Yes	Yes	Yes
UnMountFloppyImage	Yes	Yes	Yes	Yes
GetVmInfo	Yes	Yes	Yes	Yes

VmManage	Yes	Yes	Yes	Yes
[PCIeSwitch Management]				
GetPCleSwitchInfo	Yes	No	No	No
UpdatePCleSwitch	Yes	No	No	No

Platform Feature Support Matrix								
SUM (OOB & In-Band) Solution Feature [Group] Command	NIC Chipset							
	Intel®			Broadcom®			Mellanox®	
	X550	X710	E810	57414	57416	57508	ConnectX-6 DX	ConnectX-7
[NIC Management]								
GetAocNICInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UpdateAocNIC	No	No	Yes	Yes	Yes	Yes	Yes	Yes