Download SUM utility from Supermicro, https://www.supermicro.com/products/nfo/SMS\_SUM.cfm

There are two ways to achieve BIOS upgrade support, in-band and out-band service. With out-band service, it's required to have OOB license purchase and activated to get this support.

Use command for upgrading BIOS with OOB via out-band service

User can use laptop or any PC to perform this BIOS via OOB BIOS upgrade.

Use command for upgrading BIOS without OOB via in-band service

User is required to operate locally for upgrading BIOS with in-band command Command format can be similar to below

```
::\Users\Administrator>cd C:\share\sum
C:\share\sum>sum.exe -c UpdateBios --file C:\share\sum\X11DPG9.503
Supermicro Update Manager (for UEFI BIOS) 2.1.0 (2018/09/03) (x86_64)
Copyright(C)2018 Super Micro Computer, Inc. All rights reserved.
CPUID = 50654
Reading BIOS flash ......(100%)
Checking BIOS ID ...
Checking ME Firmware ...
Comparing FDT for ROM file and flash.... (100%)
FDT is same, Update BIOS and ME(exclude FDT) regions....
Writing BIOS flash ......(100%)
Verifying BIOS flash ..... (100%)
Checking ME Firmware ...
Putting ME data to BIOS .......(100%)
Writing ME region in BIOS flash ...
 - Update skipped for FDR because ME is not in Manufacturing Mode.
  Update continues...
 - Updated Recovery Loader to OPRx
 - Updated MFSB
 - Updated FTPR
 - Updated MFS, IVB1 and IVB2
- Updated FLOG and UTOK
 - ME Entire Image done
NARNING:Must power cycle or restart the system for the changes to take effect!
```