

Sun Storage Common Array Manager

Array Baseline Firmware Reference, Version 6.9.0 Update

This document provides RAID and open systems array baseline firmware versions delivered with Oracle’s Sun Storage Common Array Manager 6.9.0.

- [Sun Storage 2500-M2 Arrays and StorageTek 2500 Series Arrays](#)
- [Sun Storage 6000 Series, StorageTek 6000 Series, and FlexLine Arrays](#)
- [Sun Storage J4000 Series Arrays, Sun Storage F5100 Flash Array, and Sun Blade 6000 Disk Module](#)

Sun Storage 2500-M2 Arrays and StorageTek 2500 Series Arrays¹

Note – For the StorageTek 2500 Series, upgrading from an 06.xx.xx.xx controller version to 07.xx.xx.xx requires the use of an upgrade utility. Consult the *Sun StorageTek 2500 Series Array Firmware Upgrade Guide*. If you attempt an upgrade that fails, you should contact a support representative. See [“Technical Support”](#).

Controller	Version	Firmware File
2510	06.70.54.11	nge/RC_06705411_desperado_apollo_1532.dlp
2510_exmoor	07.35.72.10	nge/RC_07357210_exmoor_apollo_1532.dlp
2530	06.70.54.11	nge/RC_06705411_desperado_apollo_133x.dlp
2530_exmoor	07.35.72.10	nge/RC_07357210_exmoor_apollo_133x.dlp
2530-M2	07.84.44.10	nge/RC_07844410_e10_784_26x0_apollo.dlp
2540	06.70.54.11	nge/RC_06705411_desperado_apollo_1932.dlp
2540_exmoor	07.35.72.10	nge/RC_07357210_exmoor_apollo_1932.dlp
2540-M2	07.84.44.10	nge/RC_07844410_e10_784_26x0_apollo.dlp
NVSRAM	Version	Firmware File
2510	N1532-670843-001	nge/N1532-670843-001.dlp

1. Sun Storage 2500-M2 Arrays is a different array series from StorageTek 2500 Series Arrays.

2510_exmoor	N1532-735843-002	nge/N1532-735843-002.dlp
2510-Simplex	N1532-670843-901	nge/N1532-670843-901.dlp
2510_exmoor-Simplex	N1532-735843-902	nge/N1532-735843-902.dlp
2530	N133X-670843-001	nge/N133X-670843-001.dlp
2530_exmoor	N133X-735843-002	nge/N133X-735843-002.dlp
2530-M2	N2530-784843-003	nge/N2530-784843-003.dlp
2530-Simplex	N133X-670843-901	nge/N133X-670843-901.dlp
2530_exmoor-Simplex	N133X-735843-902	nge/N133x-735843-902.dlp
2540	N1932-670843-001	nge/N1932-670843-001.dlp
2540_exmoor	N1932-735843-002	nge/N1932-735843-002.dlp
2540-M2	N2540-784843-003	nge/N2540-784843-003.dlp
2540-Simplex	N1932-670843-901	nge/N1932-670843-901.dlp
2540_exmoor-Simplex	N1932-735843-902	nge/N1932-735843-902.dlp

IOM	Version	Firmware File
2500 SAS (07.xx controllers)	0199	nge/esm0199.esm
2500 SAS (06.xx controllers)	0196	nge/esm0196.esm
2501-M2	0366	nge/esm0366.esm

Disk Drive	Version	Firmware File
H7220AA30SUN2.0T	A28A	disk/D_H7220AA30SUN2.0T_A28A_LCA.dlp
H7230AS60SUN3.0T	A310	disk/D_H7230AS60SUN3.0T.A310_SNM.dlp
H7220AS60SUN2.0T	A310	disk/D_H7220AS60SUN3.0T_A310_SNM.dlp
HDS7250SASUN500G	AV0A	disk/D_HDS7250SASUN500G_AV0A_LCA.dlp
HUA7210SASUN1.0T	AC5A	disk/D_HUA7210SASUN1.0T_AC5A_LCA.dlp
HUA7250SBSUN500G	AC5A	disk/D_HUA7250SBSUN500G_AC5A_LCA.dlp
HUA7275SASUN750G	AC5A	disk/D_HUA7275SASUN750G_AC5A_LCA.dlp
HUS1514SBSUN146G	SA04	disk/D_HUS1514SBSUN146G_SA04_LCA.dlp
HUS1514SBSUN300G	SA04	disk/D_HUS1514SBSUN300G_SA04_LCA.dlp
HUS1530SCSUN300G	A6C0	disk/D_HUS1560SCSUN300G_A6C0_LCA.dlp
HUS1530SCSUN600G	A6C0	disk/D_HUS1560SCSUN600G__A6C0_LCA.dlp
HUS1530SCSUN300G	A6CO	disk/D_HUS1530SCSUN300G_A6C0_SNM.dlp
HUS1560SCSUN600G	A6C0	disk/D_HUS1560SCSUN600G_A6C0_SNM.dlp
HUS1573SBSUN72G	SA04	disk/D_HUS1573SBSUN72G_SA04_LCA.dlp

ST31000NSSUN1.0T	SU15	disk/D_ST31000NSSUN1.0T_SU15_LCA.dlp
ST31001NSSUN1.0T	SM04	disk/D_ST31001NSSUN1.0T_SM04_LCA.dlp
ST314655SSUN146G	0D92	disk/D_ST314655SSUN146G_0D92.dlp
ST314656SSUN146G	0B1C	disk/D_ST314656SSUN146G_0B1C.dlp
ST32000NSSUN2.0T	SM04	disk/D_ST32000NSSUN2.0T_SM04_LCA.dlp
ST33000SSUN3.0T	064A	disk/D_ST32000NSSUN3.0T_064A_LCA.dlp
ST330055SSUN300G	0D92	disk/D_ST330055SSUN300G_0D92.dlp
ST330056SSUN300G	0B1C	disk/D_ST330056SSUN300G_0B1C.dlp
ST330057SSUN300G	0B25	disk/D_ST360057SSUN300G_0B25_LCA.dlp
ST330057SSUN300G	0B25	isk/D_ST360057SSUN300G_0B25_SNM.dlp
ST340008SSUN0.4T	0643	disk/D_ST340008SSUN0.4T_0643.dlp
ST345056SSUN450G	0B1C	disk/D_ST345056SSUN450G_0B1C.dlp
ST35000NSSUN500G	3AZY	disk/D_ST35000NSSUN500G_3AZY_LCA.dlp
ST360057SSUN600G	0B25	disk/D_ST360057SSUN600G_0B25_LCA.dlp
ST360057SSUN600G	0B25	disk/D_ST360057SSUN600G_0B25_SNM.dlp
ST373455SSUN72G	0D92	disk/D_ST373455SSUN72G_0D92.dlp
ST37500NSSUN750G	3AZY	disk/D_ST37500NSSUN750G_3AZY_LCA.dlp

Sun Storage 6000 Series, StorageTek 6000 Series, and FlexLine Arrays

Note – For the 6140, 6540 and FLX380 array types, upgrading from a 06.xx.xx.xx version to 07.xx.xx.xx requires a special utility. Consult the *Sun Storage 6000 Series Array Firmware Upgrade Guide*. If you attempt an upgrade that fails, you should contact a support representative. See ["Technical Support"](#).

Controller	Version	Firmware File
6130	06.60.22.10	nge/RC_06602210_chromium2_apollo_288x.dlp
6140	06.60.22.10	nge/RC_06602210_chromium2_apollo_399x.dlp
6140_allegheny	07.60.63.10	nge/RC_07606310_09q2_apollo_fc_399x.dlp
6180	07.84.44.10	nge/RC_07844410_e10_784_49xx_apollo.dlp
6540	06.60.22.10	nge/RC_06602210_chromium2_apollo_6091.dlp
6540_allegheny	07.60.63.10	nge/RC_07606310_09q2_apollo_fc_6091.dlp
6580	07.84.44.10	nge/RC_07844410_e10_784_7091_apollo.dlp
6780	07.84.44.10	nge/RC_07844410_e10_784_7091_apollo.dlp

FLX240	06.60.22.20	nge/RC_06602220_chromium2_silverado_288x.dlp
FLX280	06.60.22.20	nge/RC_06602220_chromium2_silverado_588x_06600400.dlp
FLX380	06.60.22.20	nge/RC_06602220_chromium2_silverado_6091.dlp
FLX380_allegheeny	07.60.56.10	nge/RC_07605610_09q2_apollo_fc_6091.dlp
NVSRAM	Version	Firmware File
6130	N288X-660843-003	nge/N288X-660843-003.dlp
6140	N399X-660843-003	nge/N399X-660843-003.dlp
6140_allegheeny	N399X-760843-005	nge/N399X-760843-005.dlp
6180	N49XX-784843-003	nge/N49XX-784843-003.dlp
6540	N6091-660843-003	nge/N6091-660843-003.dlp
6540_allegheeny	N6091-760843-004	nge/N6091-760843-004.dlp
6580	N7091-784843-003	nge/N7091-784843-003.dlp
6780	N7091-784843-003	nge/N7091-784843-003.dlp
FLX240	N288X-660855-003	nge/N288X-660855-003.dlp
FLX280	N588X-660855-003	nge/N588X-660855-003.dlp
FLX380	N6091-660855-003	nge/N6091-660855-003.dlp
FLX380_allegheeny	N6091-760855-002	nge/N6091-760855-002.dlp
IOM	Version	Firmware File
CSM100 FC	9682	nge/esm9682.s3r
CSM100 iSATA	9728	nge/esm9728.dl
CSM200	98G0	nge/esm98G0.esm
FLA300	9682	nge/esm9682.s3r
FLA200	9330	nge/esm9330.s3r
FLC200 iSATA	9728	nge/esm9728.dl
FLC200 dSATA	9566	nge/esm9566.dl
Disk Drive	Version	Firmware File
H106030SDSUN300G	0804 (LP2238-A2B0)	disk/D_H106060SDSUN300G_0804.dlp
H106030SDSUN600G	0804 (LP2238-A2B0)	disk/D_H106060SDSUN600G_0804.dlp
H7220AA30SUN2.0T	0711 (LP1160-A28A)	disk/D_H7220AA30SUN2.0T_0711.dlp
HDS7225SCSUN250G	0705 (LP1160-A7BA)	disk/D_HDS7225SCSUN250G_0705.dlp
HDS7240SBSUN400G	AC7A	disk/D_HDS7240SBSUN400G_AC7A.dlp
HDS7250SASUN500G	0705 (LP1160-AV0A)	disk/D_HDS7250SASUN500G_0705.dlp

HUA7210SASUN1.0T	0710 (LP1160-AC5A)	disk/D_HUA7210SASUN1.0T_0710.dlp
HUA7250SBSUN500G	0710 (LP1160-AC5A)	disk/D_HUA7250SBSUN500G_0710.dlp
HUA7275SASUN750G	0710 (LP1160-AC5A)	disk/D_HUA7275SASUN750G_0710.dlp
HUS1014FASUN146G	2A08	disk/D_HUS1014FASUN146G_2A08.dlp
HUS1030FASUN300G	2A08	disk/D_HUS1030FASUN300G_2A08.dlp
HUS1073FASUN72G	2A08	disk/D_HUS1073FASUN72G_2A08.dlp
HUS1530FCSUN300G	E5B0	disk/D_HUS1530FCSUN300G_E5B0.dlp
HUS1530FCSUN300G	E6C0	disk/D_HUS1530FCSUN300G_E6C0.dlp
HUS1561FCSUN600G	E6C0	disk/D_HUS1561FCSUN600G_E6C0.dlp
HUS1561FCSUN600G	E5B0	disk/D_HUS1561FCSUN600G_E5B0.dlp
MAT3073F SUN72G	1403	disk/D_MAT3073FSUN72G_1403.dlp
MAT3147F SUN146G	1403	disk/D_MAT3147FSUN146G_1403.dlp
MAT3300F SUN300G	1403	disk/D_MAT3300FSUN300G_1403.dlp
MAW3073FCSUN72G	1303	disk/D_MAW3073FCSUN72G_1303.dlp
MAW3147FCSUN146G	1303	disk/D_MAW3147FCSUN146G_1303.dlp
MAW3300FCSUN300G	1303	disk/D_MAW3300FCSUN300G_1303.dlp
MAX3073FDSUN72G	0403	disk/D_MAX3073FDSUN72G_0403.dlp
MAX3147FDSUN146G	0403	disk/D_MAX3147FDSUN146G_0403.dlp
ST31000NSSUN1.0T	0708	disk/D_ST31000NSSUN1.0T_0708.dlp
ST31001NSSUN1.0T	0704	disk/D_ST31001NSSUN1.0T_0704.dlp
ST31001NSSUN1.0T	0712	disk/D_ST31001NSSUN1.0T_0712.dlp
ST314655FSUN146G	3292	disk/D_ST314655FSUN146G_3292.dlp
ST314655FSUN146G	3192	disk/D_ST314655FSUN146G_3192.dlp
ST314656FSUN146G	091C	disk/D_ST314656FSUN146G_091C.dlp
ST314656FSUN146G	0A1C	disk/D_ST314656FSUN146G_0A1C.dlp
ST314670FSUN146G	055A	disk/D_ST314670FSUN146G_055A.dlp
ST314680FSUN146G	0407	disk/D_ST314680FSUN146G_0407.dlp
ST314685FSUN146G	042D	disk/D_ST314685FSUN146G_042D.dlp
ST314695FSUN146G	0409	disk/D_ST314695FSUN146G_0409.dlp
ST32000NSSUN2.0T	0704	disk/D_ST32000NSSUN2.0T_0704.dlp
ST32000SSSUN2.0T	0514	disk/D_ST32000SSSUN2.0T_0514_6060.dlp
ST32500NSSUN250G	0706 (LP1160-3AZY)	disk/D_ST32500NSSUN250G_0706.dlp

ST330000FSUN300G	055A	disk/D_ST330000FSUN300G_055A.dlp
ST330055FSUN300G	3292	disk/D_ST330055FSUN300G_3292.dlp
ST330055FSUN300G	3192	disk/D_ST330055FSUN300G_3192.dlp
ST330056FSUN300G	091C	disk/D_ST330056FSUN300G_091C.dlp
ST330056FSUN300G	0A1C	disk/D_ST330056FSUN300G_0A1C.dlp
ST330057FSUN300G	0705	disk/D_ST330057FSUN300G_0705.dlp
ST330057FSUN300G	0925	disk/D_ST330057FSUN300G_0925.dlp
ST340008FSUN0.4T	0443	disk/D_ST340008FSUN0.4T_0443.dlp
ST345056FSUN450G	091C	disk/D_ST345056FSUN450G_091C.dlp
ST345056FSUN450G	0A1C	disk/D_ST345056FSUN450G_0A1C.dlp
ST35000NSSUN500G	0706 (LP1160-3AZY)	disk/D_ST35000NSSUN500G_0706.dlp
ST360057FSUN600G	0605	disk/D_ST360057FSUN600G_0605.dlp
ST360957FSUN600G	9425	disk/D_ST360957FSUN600G_9425.dlp
ST373207FSUN72G	055A	disk/D_ST373207FSUN72G_055A.dlp
ST373307FSUN72G	0407	disk/D_ST373307FSUN72G_0407.dlp
ST373453FSUN72G	0449	disk/D_ST373453FSUN72G_0449.dlp
ST373454FSUN72G	042D	disk/D_ST373454FSUN72G_042D.dlp
ST373455FSUN72G	3292	disk/D_ST373455FSUN72G_3292.dlp
ST373455FSUN72G	3192	disk/D_ST373455FSUN72G_3192.dlp
ST373554FSUN72G	0409	disk/D_ST373554FSUN72G_0409.dlp
ST37500NSSUN750G	0706 (LP1160-3AZY)	disk/D_ST37500NSSUN750G_0706.dlp
Z16IFE3B-73UC	MS04	disk/D_Z16IFE3B_73UC_3804204_800_012.dlp
LB206M	MS03	disk/D_LB206M_5012301_800_001.dlp

Sun Storage J4000 Series Arrays, Sun Storage F5100 Flash Array, and Sun Blade 6000 Disk Module

SIM Board	Version	Firmware File
Storage J4200	3A53	qnt/J4200.3A53.fw
Storage J4400	3R53	qnt/J4400.3R53.fw
Storage J4410	3525	qnt/J4410.3525.fw
Expander Board	Version	Firmware File
J4500	5.3.73.0 (0349)	sun/sasxfwlo.5.03.73.fw

F5100B	5.4.5.0 (0405)	sun/sasxfwmo.5.04.05.fw
F5100	5.3.73.0 (0349)	sun/sasxfwmo.5.03.73.fw
B6000 Blade Storage	5.4.03.0 (0403)	sun/sasxfwnv.5.04.03.fw
B6000 NEM Plus	5.4.03.0 (0403)	sun/sasxfwnv.5.04.03.fw
B6000 NEM GOA	5.4.03.0 (0403)	sun/sasxfwnv.5.04.03.fw
B6000 NEM Hydra	5.4.03.0 (0403)	sun/sasxfwhv.5.04.03.fw
FMOD	Version	Firmware File
SD88SA024SA0-SATA	D129	sun/D129.bin
SSD	Version	Firmware File
SSDSA2SH032G1SB	8626	sun/rel8626SunPhyParams.bin
Disk Drive	Version	Firmware File
H101414SCSUN146G	SA25	disk/H101414SC.SA25.fw
H101473SCSUN72G	SA25	disk/H101473SC.SA25.fw
H103030SCSUN300G	A2A8	disk/H103030SC.A2A8.fw
H7220AA30SUN2.0T	A28A	disk/H7220AA30.A28A.fw
H7220AS60SUN2.0T	A142	disk/H7220AS60.A142.fw
H7230AS60SUN3.0T	A142	disk/H7230AS60.A142.fw
HUA7210SASUN1.0T	AC5A	disk/HUA7210SA.AC5A.fw
HUA7250SBSUN500G	AC5A	disk/HUA7250SB.AC5A.fw
HUA7275SASUN750G	AC5A	disk/HUA7275SA.AC5A.fw
HUS1514SBSUN146G	SA04	disk/HUS1514SB.SA04.fw
HUS1530SBSUN300G	SA04	disk/HUS1530SB.SA04.fw
HUS1573SBSUN72G	SA04	disk/HUS1573SB.SA04.fw
MAY2073RCSUN72G	0701	disk/MAY2073R.0701.fw
MBB2073RCSUN72G	0705	disk/MBB2073R.0705.fw
MBB2147RCSUN146G	0705	disk/MBB2147R.0705.fw
ST31000NSSUN1.0T	SU15	disk/ST31000NS.SU15.fw
ST314655SSUN146G	0D92	disk/ST314655S.0D92.fw
ST314656SSUN146G	0B1C	disk/ST314656S.0B1C.fw
ST31001SSSUN1.0T	0514	disk/ST31001SS.0514.fw
ST32000SSSUN2.0T	061A	disk/ST32000SS.061A.fw
ST32500NSSUN250G	3AZY	disk/ST32500NS.3AZY.fw

ST32502NSSUN250G	SU15	disk/ST32502NS.SU15.fw
ST33000SSSUN3.0T	064A	disk/ST33000SS.064A.fw
ST330055SSUN300G	0D92	disk/ST330055S.0D92.fw
ST330056SSUN300G	0B1C	disk/ST330056S.0B1C.fw
ST330057SSUN300G	0B25	disk/ST330057S.0B25.fw
ST340008SSUN0.4T	0643	disk/ST340008S.0643.fw
ST345056SSUN450G	0B1C	disk/ST345056S.0B1C.fw
ST35000NSSUN500G	3AZB	disk/ST35000NS.3AZB.fw
ST35002NSSUN500G	SU15	disk/ST35002NS.SU15.fw
ST360057SSUN600G	0B25	disk/ST360057S.0B25.fw
ST373455SSUN72G	0D92	disk/ST373455S.0D92.fw
ST37500NSSUN750G	3AZB	disk/ST37500NS.3AZB.fw
ST37502NSSUN750G	SU15	disk/ST37502NS.SU15.fw
ST914602SSUN146G	0603	disk/ST914602S.0603.fw
ST914603SSUN146G	0868	disk/ST914603S.0868.fw
ST930003SSUN300G	0868	disk/ST930003S.0868.fw
ST973402SSUN72G	0603	disk/ST973402S.0603.fw
ST973451SSUN72G	0302	disk/ST973451S.0302.fw

Product Documentation

You can view, print, or purchase a broad selection of documentation, including localized versions, at:
<http://www.oracle.com/technetwork/documentation/disk-device-194280.html>

Technical Support

If you have technical questions about this product that are not answered in this document, go to:
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