

# Sun™ Storage Array Baseline Firmware for CAM 6.5.0

This document provides array baseline firmware versions for the following RAID and open systems array series.

- [“Baseline Firmware for Sun StorageTek 2500 Series Arrays” on page 1](#)
- [“Baseline Firmware for Sun Storage and StorageTek 6000 Series and FlexLine Arrays” on page 3](#)
- [“Baseline Firmware for Sun Storage J4000 Series Arrays and the Sun Blade 6000 Disk Module” on page 6](#)

## Baseline Firmware for Sun StorageTek 2500 Series Arrays

Upgrading from an 06.xx.xx.xx controller version to 07.xx.xx.xx requires the use of an upgrade utility. Consult the *2500 Array Series Firmware Upgrade Utility Guide*.

The following table lists components with their baseline version numbers and filenames.

**TABLE 1** Baseline Firmware Information: Sun StorageTek 2500 Series Arrays

Controller	Version	Firmware File
2510	06.70.54.11	nge/RC_06705411_desperado_apollo_1532.dlp
2510_exmoor	07.35.44.10	nge/RC_07354410_exmoor_apollo_1532.dlp
2530	06.70.54.11	nge/RC_06705411_desperado_apollo_133x.dlp
2530_exmoor	07.35.44.10	nge/RC_07354410_exmoor_apollo_133x.dlp
2540	06.70.54.11	nge/RC_06705411_desperado_apollo_1932.dlp
2540_exmoor	07.35.44.10	nge/RC_07354410_exmoor_apollo_1932.dlp
<b>NVSRAM</b>	<b>Version</b>	<b>Firmware File</b>
2510	N1532-670843-001	nge/N1532-670843-001.dlp
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

**TABLE 1** Baseline Firmware Information: Sun StorageTek 2500 Series Arrays (Continued)

<b>Controller</b>	<b>Version</b>	<b>Firmware File</b>
2530_exmoor	N133X-735843-002	nge/N133X-735843-002.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-Simplex	N1932-670843-901	nge/N1932-670843-901.dlp
2540_exmoor-Simplex	N1932-735843-902	nge/N1932-735843-902.dlp
<b>IOM</b>	<b>Version</b>	<b>Firmware File</b>
2500 SAS	0195	nge/esm0195.esm
<b>Disk Drive</b>	<b>Version</b>	<b>Firmware File</b>
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
HUS1530SBSUN300G	SA04	disk/D_HUS1530SBSUN300G_SA04_LCA.dlp
HUS1573SBSUN72G	SA04	disk/D_HUS1573SBSUN72G_SA04_LCA.dlp
ST314655SSUN146G	0C92	disk/D_ST314655SSUN146G_0C92.dlp
ST314656SSUN146G	0A1C	disk/D_ST314656SSUN146G_0A1C.dlp
ST330055SSUN300G	0C92	disk/D_ST330055SSUN300G_0C92.dlp
ST330056SSUN300G	0A1C	disk/D_ST330056SSUN300G_0A1C.dlp
ST330057SSUN300G	0605	disk/D_ST330057SSUN300G_0605.dlp
ST340008SSUN0.4T	0543	disk/D_ST340008SSUN0.4T_0543.dlp
ST345056SSUN450G	0A1C	disk/D_ST345056SSUN450G_0A1C.dlp
ST35000NSSUN500G	3AZY	disk/D_ST35000NSSUN500G_3AZY_LCA.dlp
ST360057SSUN600G	0605	disk/D_ST360057SSUN600G_0605.dlp
ST373455SSUN72G	0C92	disk/D_ST373455SSUN72G_0C92.dlp
ST37500NSSUN750G	3AZY	disk/D_ST37500NSSUN750G_3AZY_LCA.dlp

## Baseline Firmware for Sun Storage and StorageTek 6000 Series and FlexLine Arrays

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 StorageTek 6000 Series Array Firmware Upgrade Guide*.

If you attempt an upgrade that fails, you should contact a support representative. See [“Contacting Sun Technical Support” on page 8](#).

**TABLE 2** Baseline Firmware Information: Sun Storage 6180, 6580, 6780, and Sun StorageTek 6130, 6140, 6540, FLX240, FLX280, and FLX380 Arrays

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_alleghey	07.60.18.10	nge/RC_07601810_09q2_apollo_fc_399x.dlp
6180	07.60.18.10	nge/RC_07601810_09q2_apollo_49xx.dlp
6540	06.60.22.10	nge/RC_06602210_chromium2_apollo_6091.dlp
6540_alleghey	07.60.18.10	nge/RC_07601810_09q2_apollo_fc_6091.dlp
6580	07.60.18.10	nge/RC_07601810_09q2_apollo_7091.dlp
6780	07.60.18.10	nge/RC_07601810_09q2_apollo_7091.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_alleghey	07.60.18.10	nge/RC_07601810_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_alleghey	N399X-760843-003	nge/N399X-760843-003.dlp
6180	N49XX-760843-003	nge/N49XX-760843-003.dlp
6540	N6091-660843-003	nge/N6091-660843-003.dlp
6540_alleghey	N6091-760843-003	nge/N6091-760843-003.dlp
6580	N7091-760843-003	nge/N7091-760843-003.dlp
6780	N7091-760843-003	nge/N7091-760843-003.dlp
FLX240	N288X-660855-003	nge/N288X-660855-003.dlp
FLX280	N588X-660855-003	nge/N588X-660855-003.dlp

**TABLE 2** Baseline Firmware Information: Sun Storage 6180, 6580, 6780, and Sun StorageTek 6130, 6140, 6540, FLX240, FLX280, and FLX380 Arrays (Continued)

<b>NVSRAM</b>	<b>Version</b>	<b>Firmware File</b>
FLX380	N6091-660855-003	nge/N6091-660855-003.dlp
FLX380_alleghey	N6091-760855-001	nge/N6091-760855-001.dlp
<b>IOM</b>	<b>Version</b>	<b>Firmware File</b>
CSM100 FC	9682	nge/esm9682.s3r
CSM100 iSATA	9728	nge/esm9728.dl
CSM200	98C4	nge/esm98C4.esm
CSM200 Allegheny	98C5	nge/esm98C5.esm
FLA300	9682	nge/esm9682.s3r
FLA200	9330	nge/esm9330.s3r
FLC200 iSATA	9728	nge/esm9728.dl
FLC200 dSATA	9566	nge/esm9566.dl
<b>Disk Drive</b>	<b>Version</b>	<b>Firmware File</b>
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
MAT3073FSUN72G	1403	disk/D_MAT3073FSUN72G_1403.dlp
MAT3147FSUN146G	1403	disk/D_MAT3147FSUN146G_1403.dlp
MAT3300FSUN300G	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

**TABLE 2** Baseline Firmware Information: Sun Storage 6180, 6580, 6780, and Sun StorageTek 6130, 6140, 6540, FLX240, FLX280, and FLX380 Arrays (Continued)

Disk Drive	Version	Firmware File
MAX3147FDSUN146G	0403	disk/D_MAX3147FDSUN146G_0403.dlp
ST31000NSSUN1.0T	0705	disk/D_ST31000NSSUN1.0T_0705.dlp
ST314655FSUN146G	3192	disk/D_ST314655FSUN146G_3192.dlp
ST314656FSUN146G	091C	disk/D_ST314656FSUN146G_091C.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
ST32500NSSUN250G	0706 (LP1160-3AZY)	disk/D_ST32500NSSUN250G_0706.dlp
ST330000FSUN300G	055A	disk/D_ST330000FSUN300G_055A.dlp
ST330055FSUN300G	3192	disk/D_ST330055FSUN300G_3192.dlp
ST330056FSUN300G	091C	disk/D_ST330056FSUN300G_091C.dlp
ST330057FSUN300G	0605	disk/D_ST330057FSUN300G_0605.dlp
ST340008FSUN0.4T	0343	disk/D_ST340008FSUN0.4T_0343.dlp
ST345056FSUN450G	091C	disk/D_ST345056FSUN450G_091C.dlp
ST35000NSSUN500G	0706 (LP1160-3AZY)	disk/D_ST35000NSSUN500G_0706.dlp
ST360057FSUN600G	0605	disk/D_ST360057FSUN600G_0605.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	3192	disk/D_ST373455FSUN72G_3192.dlp
ST373554FSUN72G	0409	disk/D_ST373554FSUN72G_0409.dlp
ST37500NSSUN750G	0706 (LP1160-3AZY)	disk/D_ST37500NSSUN750G_0706.dlp

# Baseline Firmware for Sun Storage J4000 Series Arrays and the Sun Blade 6000 Disk Module

**TABLE 3** Baseline Firmware: Sun StorageTek J4000 Series Arrays and Sun Blade 6000 Disk Module

<b>SIM Board</b>	<b>Version</b>	<b>Firmware File</b>
Storage J4200	3A32	qnt/J4200.3A32.fw
Storage J4400	3R21	qnt/J4400.3R21.fw
<b>Expander Board</b>	<b>Version</b>	<b>Firmware File</b>
J4500	5.3.73.0 (0349)	sun/sasxwlo.5.03.73.fw
F5100	5.3.73.0 (0349)	sun/sasxwmo.5.03.73.fw
B6000 Blade Storage	5.2.14.0 (502E)	sun/sasxwnv.5.02.14.fw
B6000 NEM Plus	5.2.14.0 (502E)	sun/sasxwnv.5.02.14.fw
B6000 NEM GOA	5.2.14.0 (502E)	sun/sasxwnv.5.02.14.fw
B6000 NEM Hydra	5.2.14.0 (502E)	sun/sasxwhv.5.02.14.fw
<b>FMOD</b>	<b>Version</b>	<b>Firmware File</b>
SD88SA024SA0	MP1F	sun/MP1F.bin
<b>SSD</b>	<b>Version</b>	<b>Firmware File</b>
SSDSA2SH032G1SB	8626	sun/rel8626SunPhyParams.bin
<b>Disk Drive</b>	<b>Version</b>	<b>Firmware File</b>
H101414SCSUN146G	3A25	disk/H101414SC.SA25.fw
H101473SCSUN72G	SA25	disk/H101473SC.SA25.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	SU0D	disk/ST31000NS.SU0D.fw

**TABLE 3** Baseline Firmware: Sun StorageTek J4000 Series Arrays and Sun Blade 6000 Disk Module (Continued)

<b>SIM Board</b>	<b>Version</b>	<b>Firmware File</b>
ST314655SSUN146G	0C92	disk/ST314655S.0C92.fw
ST314656SSUN146G	0A1C	disk/ST314656S.0A1C.fw
ST32500NSSUN250G	3AZY	disk/ST32500NS.3AZY.fw
ST32502NSSUN250G	SU0D	disk/ST32502NS.SU0D.fw
ST330055SSUN300G	0C92	disk/ST330055S.0C92.fw
ST330056SSUN300G	0A1C	disk/ST330056S.0A1C.fw
ST340008SSUN0.4T	0543	disk/ST340008S.0543.fw
ST345056SSUN450G	0A1C	disk/ST345056S.0A1C.fw
ST35000NSSUN500G	3AZY	disk/ST35000NS.3AZY.fw
ST35002NSSUN500G	SU0D	disk/ST35002NS.SU0D.fw
ST373455SSUN72G	0C92	disk/ST373455S.0C92.fw
ST37500NSSUN750G	3AZY	disk/ST37500NS.3AZY.fw
ST37502NSSUN750G	SU0D	disk/ST37502NS.SU0D.fw
ST914602SSUN146G	0603	disk/ST914602S.0603.fw
ST914603SSUN146G	0768	disk/ST914603S.0768.fw
ST973402SSUN72G	0603	disk/ST973402S.0603.fw

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