



ATTO Technology, Inc.

OS 10.9 Mavericks Support

I.) Please be aware that ATTO has formally supported drivers available for download to coincide with the OS 10.9 Mavericks release for all current products.

- *Celerity 16Gb Fibre Channel (except quad port)* 1.10
- *Celerity 8Gb Fibre Channel* 2.20
- *ExpressSAS 6Gb SAS/SATA HBAs* 2.20
(GT not currently supported but v1.05 is in OS 10.9 – looking to add formal support soon)
- *ExpressSAS 6Gb SAS/SATA RAID adapters* 3.20
- *FastFrame 10GbE NICs* 2.21
- *Desklink Devices:*
 - *ThunderStream TS 3808* 1.10
 - *ThunderLink SH 1082* 1.10
 - *ThunderLink FC1082* 1.10
 - *ThunderLink NS 1101* 1.10
 - *ThunderLink NT 1102* 1.10
- *Software:*
 - *Xtend SAN* 3.45
 - *Config Tool* 4.12

II.) The previous shipping version of Xtend SAN (3.42) will not work properly in OS 10.9. Customers will need to upgrade to 3.45. Anyone who purchased version 3.00 or later qualifies for a free upgrade. Contact ATTO Tech Support for a copy.

III.) For products that have reached End Of Life, product support will be according to ATTO's standard warranty. Drivers for EOL'd HBAs and RAID Adapters will be locked at their available shipping version of a supported OS at the time end of life was announced. Apple did include drivers for these EOL products in OS 10.9 – but they are a few versions behind the last released driver on the ATTO web site.

		<u>In OS 10.9</u>	<u>On ATTO Site</u>
<i>Celerity 4Gb HBAs</i>	<i>EOL May 2012</i>	<i>driver 3.48</i>	<i>4.01</i>
<i>ExpressSAS 3Gb SAS/SATA HBA</i>	<i>EOL July 2011</i>	<i>driver 2.00</i>	<i>2.02</i>
<i>ExpressSAS 3Gb RAID adapters</i>	<i>EOL March 2012</i>	<i>driver 3.72</i>	<i>4.01</i>
<i>SCSI HBAs</i>	<i>EOL Jan 2013</i>	<i>driver 4.42</i>	<i>4.43</i>

***** Note that if a customer has the latest driver installed in a 10.8.X release and then upgrades to OS 10.9, the OS will overwrite the existing driver with the incorrect one that came with OS 10.9. Customers will have to reinstall.**

- Even though Apple included them in 10.9, the last officially ATTO supported Mac OSX version for these products is 10.8.5.
- ATTO will still provide warranty support for hardware failures per the standard warranty policy.
- ATTO will still provide general troubleshooting support for these product in OS 10.9. But customers need to be aware that ATTO has not officially tested the locked drivers, nor will any fixes for reported issues be made as these programs are end of life.

IV.) The following are known issues with these EOL products in OS 10.9. (Does not apply to currently supported ATTO products)

- The drivers will not work when placed in a third party Thunderbolt-to-PCI device such as from Magma or Sonnet with the newer Ivy Ridge based (or later) MACs running 10.8.2 or later. (These customers will need to load the last released driver for these products to work.
- You will no longer be able to boot from a drive connected to these EOL adapters installed in a Thunderbolt-to-PCI device. There is no workaround so customers who were using one of these products to boot from in a previous OS will need to purchase the next generation adapter if they still need to boot externally.
- If you attempt to create a RAID group in OS 10.9 using the ExpressSAS 3Gb RAID Adapter, the group will be created but the available capacity will be much lower than it should be. This is a known issue that will not be addressed. RAID groups created in a previous OS and are then ported to OS 10.9 may work.

The workaround for these issues is to purchase an upgrade to a product that is currently supported in OS 10.9.