

## **Known Differences Between XVME-65xx/67xx and XVME-65xxA/67xxA**

The new XVME-65xxA and XVME-67xxA models are form, fit and functional equivalents to their corresponding predecessor models. The PCB was modified to replace an EOL NAND flash device and extend availability of these 6U VME single board computers. Both the original flash device and the replacement use SLC mode of operation. However, the new device offers 3D NAND Cell organization, while the original used a 2D NAND structure. It also provides 40GB of available memory compared to 8 or 32GB on the earlier versions.

There are no other functional differences between the original and new models.

## **EOL XVME-65xx Models**

### **SATA-based NAND Flash SSD:**

Silicon Motion's SM651GEB-BD-P0318H FerriSSD Bx Series SATA SSD.  
32GB SLC mode 2D NAND Flash.  
SATA Revision 2.6 compliant.  
SATA interface rate of 3 Gb/s (backward compatible to 1.5 Gb/s).  
-40 to 85°C operating temperature.

## **EOL XVME-67xx Models**

### **SATA-based NAND Flash SSD:**

Silicon Motion's SM651GE8-BD-P0318H FerriSSD Bx Series SATA SSD.  
8GB SLC mode 2D NAND Flash.  
SATA Revision 2.6 compliant.  
SATA interface rate of 3 Gb/s (backward compatible to 1.5 Gb/s).  
-40 to 85°C operating temperature.

## **New XVME-65xxA and XVME-67xxA Models**

### **SATA-based NAND Flash SSD:**

Silicon Motion's SM619GED DGSS FerriSSD Dx Series SATA Gen 3 DRAM BGA SSD.  
40GB SLC mode 3D NAND Flash (128GB raw NAND / 40GB functional NAND).  
SATA Revision 3.1 compliant.  
SATA interface rate of 6 Gb/s (backward compatible to 1.5 Gb/s and 3 Gb/s).  
-40 to 85°C operating temperature.