⚠ ATTENTION ⚠

The AXXTM3SATA board and bracket assembly must be attached to a 2.5" Solid State Drive (SSD) or a 2.5" Serial ATA (SATA) hard drive before the drive can be used with the Intel® Modular Server System MFSYS25. This document contains step by step installation instructions for attaching the AXXTM3SATA board and bracket assembly to a 2.5" SSD or a 2.5" SATA hard drive for use with your Intel® Modular Server System MFSYS25.

The AXXTM3SATA assembly will only work with SSDs or SATA drives that have a maximum drive height < 13mm. A 15mm drive will not fit in the 2.5" drive carrier with an attached AXXTM3SATA board and bracket. The AXXTM3SATA assembly is not be used with 2.5" SAS drives.

Getting Started

Review the safety information at the end of this document before beginning the assembly instructions below.

You will need the following materials and tools to attach the AXXTM3SATA assembly to a drive, and secure the drive in a 2.5" drive carrier for use with the Intel® Modular Server System MFSYS25.

    Attention Document for step-by-step installation instructions
    One AXXTM3SATA assembly (board and bracket preassembled):
    One 2.5" drive carrier shipped with the Intel® Modular Server System MFSYS25
    Four screws shipped with the 2.5" drive carrier to secure a drive
    One 2.5" SSD or 2.5" SATA hard drive
    One Phillips* screwdriver

2.5" HDD Carrier   **2.5" SSD / 2.5"SATA HDD**

AXXTM3SATA Board and Bracket Assembly

Figure 1: Materials required for assembly

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Installation Instructions

To correctly attach the AXXTM3SATA board and bracket assembly to a 2.5" SSD or 2.5" SATA hard drive and then install the drive into a 2.5" drive carrier follow the step-by-step instructions below.

1. Hold the AXXTM3SATA assembly with the 2.5" SSD/SATA hard drive connector pointed towards the 2.5" SSD or 2.5" SATA hard drive and the SAS connector pointed away from the drive. The AXXTM3SATA board connectors are identified in Figure 2.

Internal SAS Connector

2.5" SSD / 2.5" SATA Drive Connector

Figure 2: Preassembled AXXTM3SATA Board and Bracket Assembly

2. Gently connect the 2.5" SSD / 2.5" SATA hard drive to the 2.5" SSD / 2.5" SATA hard drive connector on the AXXTM3SATA board as shown in Figure 3.

Figure 3: Hard drive connected to the AXXTM3SATA assembly

2.5" Drive Carrier Installation Instructions:

Follow the steps below to secure the 2.5" SSD / 2.5" SATA hard drive with the AXXTM3SATA board and bracket assembly into a 2.5" hard drive carrier for use with your Intel® Modular Server System MFSYS25.

1. Press the retaining lever on an available 2.5" drive carrier to release the drive carrier from the Intel® Modular Server System MFSYS25 drive bay (see the Intel® *Modular Server System MFSYS25 User Guide* or the *Intel® Modular Server System MFSYS25 Quick Start Guide* for more information). Remove the drive carrier from the drive bay.

2. With a Phillips* screwdriver, remove the four screws securing the filler panel to the drive carrier. Set the screws aside. The screws will be reused to secure the drive in the carrier in step 5 below.

3. Gently insert the 2.5" SSD or 2.5" SATA hard drive with the AXXTM3SATA board and bracket assembly into the 2.5" drive carrier.

4. Insert the plastic tabs on first one side of the AXXTM3SATA bracket into the slots at the rear of the drive carrier and then the remaining side as shown in Figure 4. When correctly installed the top and bottom of the AXXTM3SATA assembly bracket should be flush with the drive carrier and the 2.5" SATA or SSD hard drive should be flush with the bottom of the drive carrier leaving space between the top of the hard drive and the top of the drive carrier.
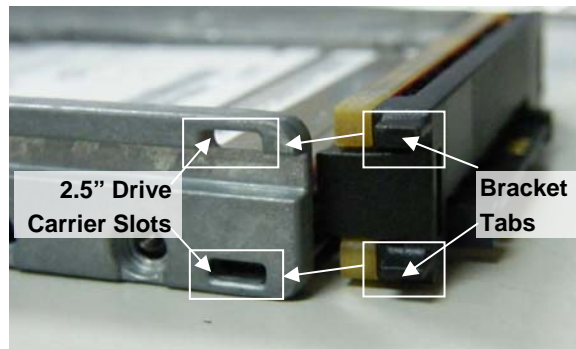
Figure 4: Insert bracket tabs into 2.5" Drive Carrier slots

5. To secure the hard drive and AXXTM3SATA assembly to the drive carrier insert the four screws (removed in step 2 above) as shown in Figure 5. When inserting the front and rear screws on each side of the drive carrier select the hole positioned towards the front of the drive carrier.

Figure 5: Insert screws into 2.5" Drive Carrier holes

An image of the finished 2.5" drive carrier assembly with AXXTM3SATA board and bracket is shown in Figure 6.

Figure 6: Finished assembly of the 2.5" Drive Carrier

6. With the drive carrier retaining lever in the open position, carefully slide the drive carrier into the drive bay until it is fully seated and the retaining lever starts to engage. Press firmly to latch the retaining lever.

Reference Material

The following reference material is available to aid with the installation and setup of the Intel® Modular Server System MFSYS25.

Intel® Modular Server System MFSYS25/MFSYS35 Quick Start User's Guide shipped with the Intel® Modular Server System and available on the Resource CD or for download from the Intel Support website.

Intel® Modular Server System MFSYS25/MFSYS35 User's Guide is available on the Resource CD or for download from the Intel Support Website.

For a complete list of documents, go to http://support.intel.com/support/motherboards/server/MFSYS25

Important Safety Instructions

Read all caution and safety statements in this document before performing any of the instructions. See *Intel Server Boards and Server Chassis Safety Information* at http://support.intel.com/support/motherboards/server/sb/CS-010770.htm.

Wichtige Sicherheitshinweise

Lesen Sie zunächst sämtliche Warn- und Sicherheitshinweise in diesem Dokument, bevor Sie eine der Anweisungen ausführen. Beachten Sie hierzu auch die Sicherheitshinweise zu Intel-Serverplatinen und -Servergehäusen unter http://support.intel.com/support/motherboards/server/sb/CS-010770.htm.

重要安全指导

在执行任何指令之前，请阅读本文件中的所有注意事项及安全声明。并参阅 http://support.intel.com/support/motherboards/server/sb/CS-010770.htm 上的 *Intel Server Boards and Server Chassis Safety Information*（《Intel 服务器主板与服务器机箱安全信息》）。

Consignes de sécurité

Lisez attention toutes les consignes de sécurité et les mises en garde indiquées dans ce document avant de suivre toute instruction. Consultez *Intel Server Boards and Server Chassis Safety Information* rendez-vous sur le site

http://support.intel.com/support/motherboards/server/sb/CS-010770.htm.

Instrucciones de seguridad importantes

Lea todas las declaraciones de seguridad y precaución de este documento antes de realizar cualquiera de las instrucciones. Vea *Intel Server Boards and Server Chassis Safety Information* en http://support.intel.com/support/motherboards/server/sb/CS-010770.htm