

Advantech TIPD product FAQ

How to Check RTM-5108 Storage with MIC-5345

Applicable model list	MIC-5345S MIC-5345D
Model name version	N/A
BIOS Version	N/A

Description:

The RTM-5108 is a single slot (6HP) ATCA rear transition module of Advantech ATCA CPU blades. An Avago SAS3008 controller provides two SAS/SATA ports to two 2.5" Direct Attached Storage drives installed in the RTM-5108 storage trays and two miniSAS HD ports.

This document will introduce how to check the status on RTM and how to get into LSI ROM for storage configurations.

Steps:

1. Connect RTM to MIC-5345
2. Power on MIC-5345 & RTM-5108 , make sure the hot swap LED (blue) is off on RTM
3. User should be LSI SAS ROM prompt on Console or VGA output during system boot
4. By clicking Ctrl+C , user can get into SAS ROM setup menu

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Avago Technologies MPT SAS3 BIOS
MPT3BIOS-8.31.00.00 (2016.07.21)
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Current Boot Device set to device at slot 7
PCI  ENCL LUN  VENDOR  PRODUCT          PRODUCT          SIZE \
SLOT SLOT NUM  NAME     IDENTIFIER       REVISION         NVDATA
-----
  10          LSI     SAS3008-IR      13.00.01.00     NV 0B:02
  10   7   0  ATA     INTEL SSDSC2BB12 0370             111.7 GiB
1 supportable devices are presented for system boot selection!

Avago MPT3 boot ROM successfully installed!

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Figure 1 SAS ROM from Console Output



Figure 2 Setup menu in SAS ROM from Console

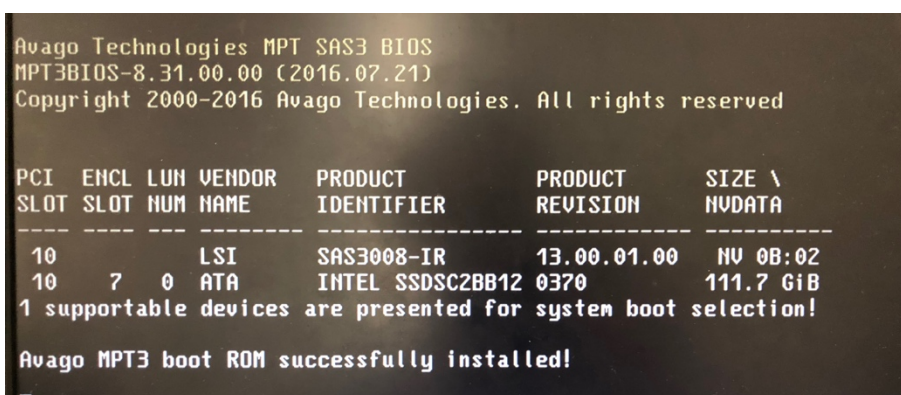


Figure 3 SAS ROM from VGA Output

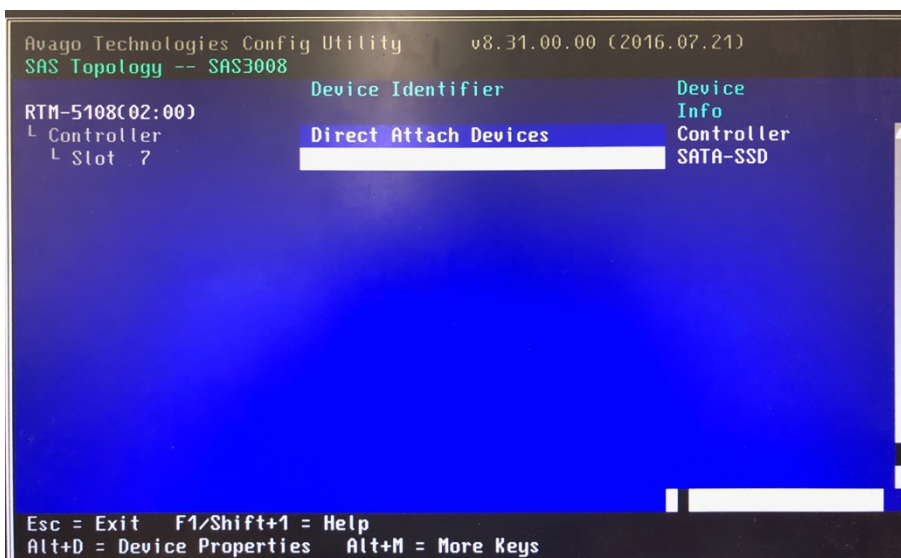


Figure 4 Setup menu in SAS ROM from VGA