

Advantech TIPD product FAQ

How to Disable MIC-5345 on board 8G Flash

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

Description:

Some of MIC-5345 has on-board 8G storage, this may lead in pre-installed Linux cannot boot properly. Some of our customer do not care this on-board flash and want to disable it to ignore the impact on their OS boot.

This FAQ provides two methodology to turn this on-board 8G OFF

Methodology:

(1) Turn it off through BIOS

1. Boot into BIOS menu >> Hardware >> Disable SATA Controller >> Save and Exit

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Aptio Setup Utility - Copyright (C) 2015 American Megatrends, Inc.
Hardware
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| SATA Port 0          [Not Installed]          | Enable or Disable SATA |
| SATA Port 1          8GB NANDrive - 8.0 GB    | Controller              |
| SATA Port 2          [Not Installed]          |                          |
| SATA Port 3          [Not Installed]          |                          |
| SATA Port 4          [Not Installed]          |                          |
| SATA Port 5          [Not Installed]          |                          |
| sSATA Port 0         [Not Installed]          |                          |
| sSATA Port 1         [Not Installed]          |                          |
| sSATA Port 2         [Not Installed]          |                          |
| sSATA Port 3         [Not Installed]          |                          |
| SATA Controller     [Enabled]                | ><: Select Screen      |
| SATA Mode           [AHCI]                  | ^v: Select Item       |
| sSATA Controller    [Enabled]                | Enter: Select         |
| sSATA Mode          [AHCI]                  | +/-: Change Opt.     |
|                               | F1: General Help     |
|                               | F2: Previous Values  |
|                               | F3: Optimized Defaults|
|                               | F4: Save & Exit      |
|                               | ESC: Exit            |
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(2) Hardware disable (Rework) - Remove SATA signals

**** Warning: Product may lose warranty if this rework wasn't executed by Advantech. Please contact regional sales for rework supports ****



