



**Product:** Sil 31xx PCMCIA Controllers

**Category:** Storage

**Department Name:** [World Wide Customer Services and Support](#)

**Title:** Getting PCMCIA Storage Controllers to Work with IBM Laptops

### Technical Tip Overview

This tip describes how to disable PCI bus power management on the IBM laptops so that the Silicon Image PCMCIA SATA controllers frequently used for demos will operate.

The default BIOS setting of "Automatic" for PCI bus power management will allow the PCMCIA controllers to be recognized by the laptop OS but they will not communicate or recognize any attached drives of SteelVine storage appliances. No attached drives will be seen by the OS.

### Resolution

Access the IBM laptop BIOS to disable PCI bus power management. To access the BIOS, press the "Access *IBM*" button when the IBM logo is displayed at power on, then immediately press F1 to enter the BIOS settings menu.

Once in the BIOS settings menu select "*Config*". In the *Config* menu select "*Power*". Scroll down to the bottom of the power configuration menu and use the F5/F6 keys to change **PCI Bus Power Management** from **[Automatic]** to **[Disable]**.

Press F10 to save and exit BIOS settings.

### Reference Products

Sil 31xx PCMCIA SATA Controllers

### Referenced Documents


None

### Internal Documents

None

### External Documents

None

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**Revision history**

REV.	DATE	ECN	TYPE	ORIGINATOR	DESCRIPTION
A00	12/22/05	SII-TT-0008	TT	Mark Reimold	Initial release
A01	1/30/06	N/A	TT	Mark Reimold	Replaced Confidential statement with Copyright