PC – Upgrade to Debian

- 1- Tools you need
- A medium Phillips screwdriver
- A small Phillips screwdriver
- VESA VGA screen
- US Keyboard

1) Remove bottom cover



2) Disconnect flat cable and remove HDD with adapter plate





3) To remove rubber spacers proceed as follows:



Remove COM-board: (ICOP-1800)

Take special care to not bend the pins of the board!





remove wafer board:



Remove screws and rubber spacers and install wafer board back to its position:





4) Connect SATA cables:



5) Install COM-board (ICOP-1800):







6) Connect 9-pin flat cable (801-980093) watchdog board – COM2

Install bottom cover with new SATA hard drives:



7) Connect SATA cables and power cable (Y-cable)



8) Connect power cable (800-980080) watchdog - wafer board - HDD power



9)

Install the PC into your airpointer system and connect the cables as follows:

Connect 10-pin flat cable from ConnectBoard ST2 to Watchdog ST4

Connect power cable from ConnectBoard ST8 to Watchdog ST1

Connect jumper JP5 to pin 2-3



10)

Connect monitor and keyboard, power the PC and enter BIOS by pushing delete key [DEL]

change settings as follows:

Advanced BIOS Features: SATA Boot Rom Ctrl.: Enable First Boot Device: HDD-0 Second Boot Device: HDD-1

		and the
Phoen i x	- AwardBIOS CMOS Setup U Advanced BIOS Features	tility
Virus Warning	[Disabled] 🔺	
CPU Internal Cache	[Enabled]	
Boot From Lan Control	[Disabled]	Menu
SATA Boot Rom Control	[Enabled]	
First Boot Device	[HDD-0]	
Second Boot Device	[HDD-1]	
Third Boot Device	[Disabled]	
Boot Other Device	[Enabled]	
Boot Un Floppy Seek	[Disabled]	
Boot Up NumLock Status	[On]	
Gate A20 Ontion	[Fast]	
Tunematic Rate Setting	[Disabled]	
x Typematic Rate (Chars/S	ec) 6	

		and the second	
Phoenix - AwardBIOS CMOS Setup Utility Advanced Chipset Features			
CPU Frequency	[500 MHz]	Item	
Video Memory Size		Menu Level	
Output display Flat Panel Configuration Onboard Audio Onboard USB1.1 Onboard USB2.0 Onboard IDE Memory Hole At 15M-16M	[Panel & CRT] [Press Enter] [Enabled] [Enabled] [Disabled] [Disabled]		
Memory Hole At 15H-16H	[Disabled]		

Advanced Chipset Features: Onboard IDE: **Disabled**

Save & exit BIOS