

AR-ES0891
User Manual

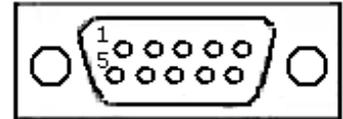
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1. COM1 to COM4 connector pin assignment

COM1 to COM4 connector pin assignment

Pin	Description	Pin	Description
1	NDCD	6	NRX
2	NTX	7	NDTR
3	GND	8	NDSR
4	NRTS	9	NCTS
5	NR1A_12V	10	NC



* NR1A_12V: Please see AR-B1891 manual for detail data.

2.Procedure of Assembly/Disassembly cables from the board.

2-1 Installing the 2.5”Hard Disk Drive(HDD)

The following are instruction for installation.

1. Installing anti-vibrategrommet on the HDD bracket
2. Connect IDE cable to HDD
3. Place HDD into HDD bracket and screw them together



4. Remove power Cord
5. Unscrew the four screws from top cover of AR-ES0891

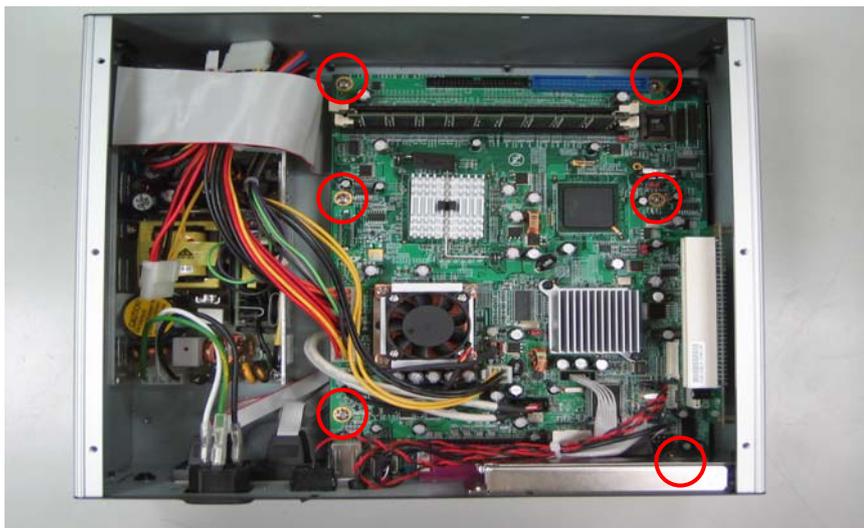


6. Unscrew the four screws from front panel and back panel



7. Remove top cover of AR-ES0891

8. Unscrew four screw from PCBA of AR-ES0891 and Riser card





9. Remove the PCBA from AR-ES0891

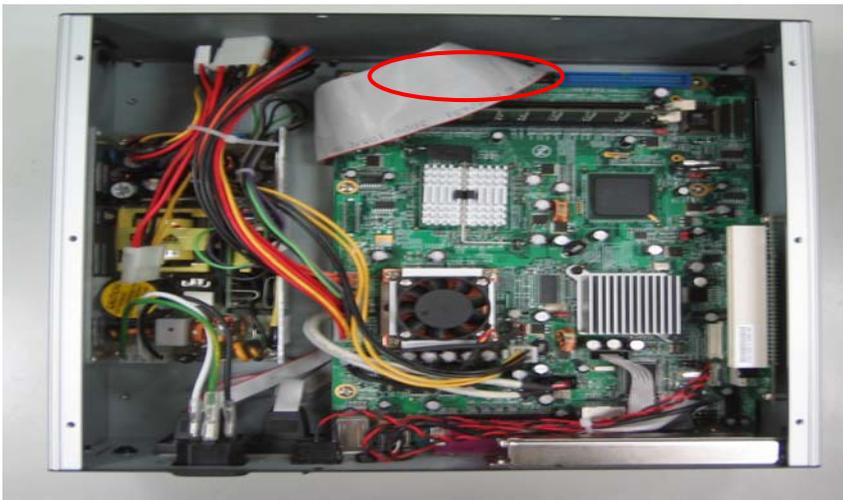
10. Place HDD with bracket on the bottom case and assemble them together



11. Put PCBA back and screw it on the AR-ES0891 bottom case



12. Plug IDE cable to PCBA IDE connector

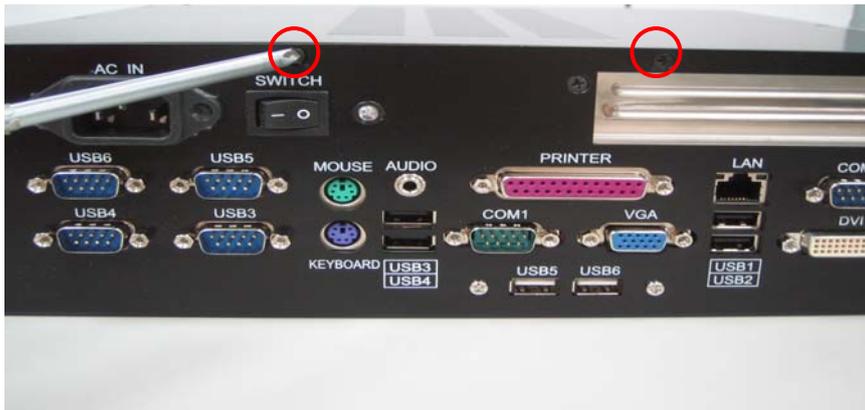


13. Put top cover back to AR-ES0891 and screw four screws



14. Screw the four screws on front panel and back panel





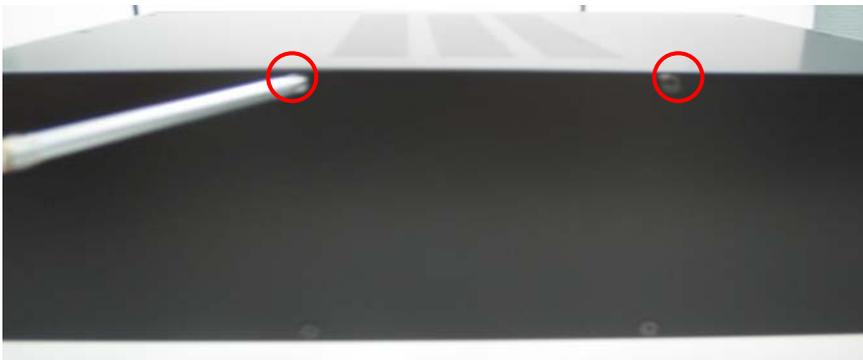
2-2 Installing an memory card to AR-ES0891

The procedure of installing a Memory Card into AR-ES0891 is detailed below, Please follow these steps carefully.

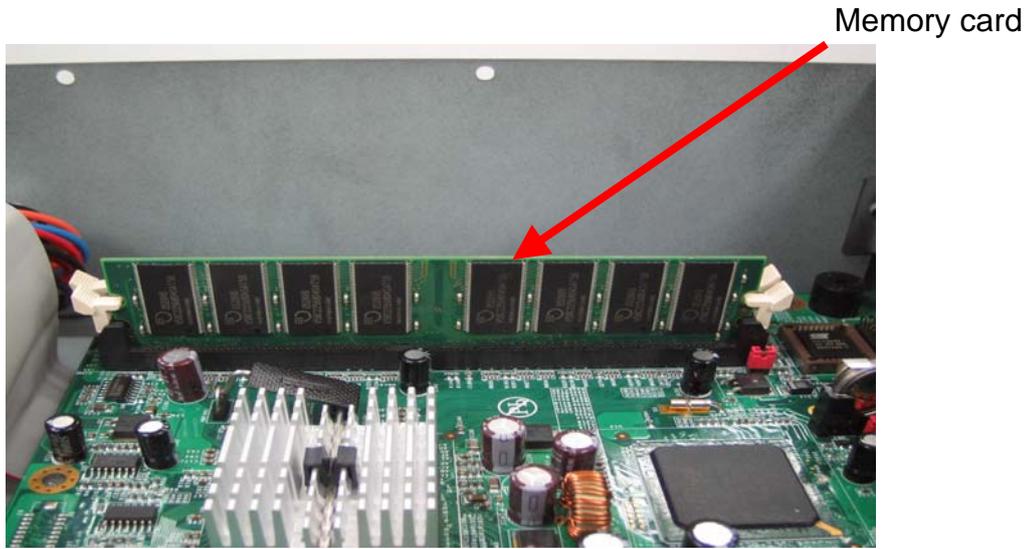
1. Remove power cord
2. Unscrew four screws from top case of AR-ES0891



3. Unscrew four screws from front and back panel



4. Plug Memory card into the socket



5. Put top cover back to AR-ES0891 and screw four screws



6. Screw the four screws on front panel and back panel





2-3 Inserting a Compact Flash Card

The procedure of installing a Compact Flash Card into AR-ES0891 is detailed below, Please follow these steps carefully.

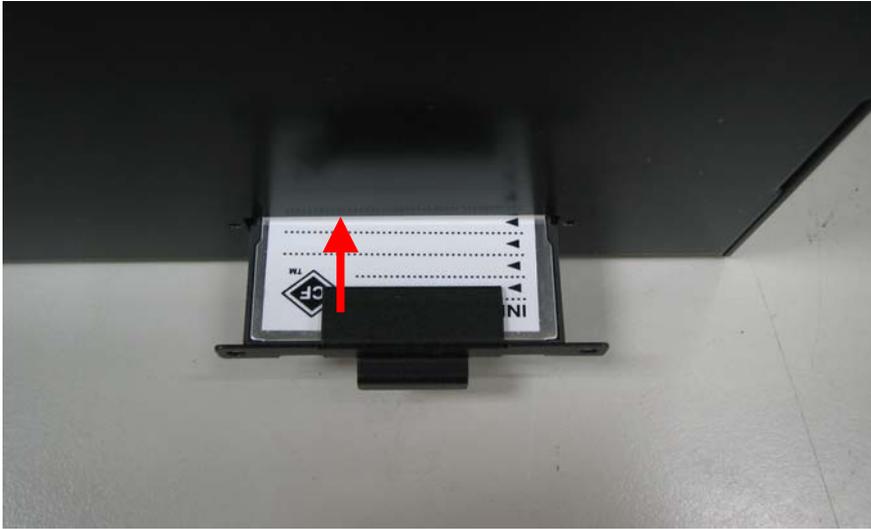
1. Remove power Cord
2. Unscrew the two screw from the CF door located on rear plate of AR-ES0891



3. Remove the CF carrier
4. Placing a Compact Flash card with your OS or application program into a CF carrier



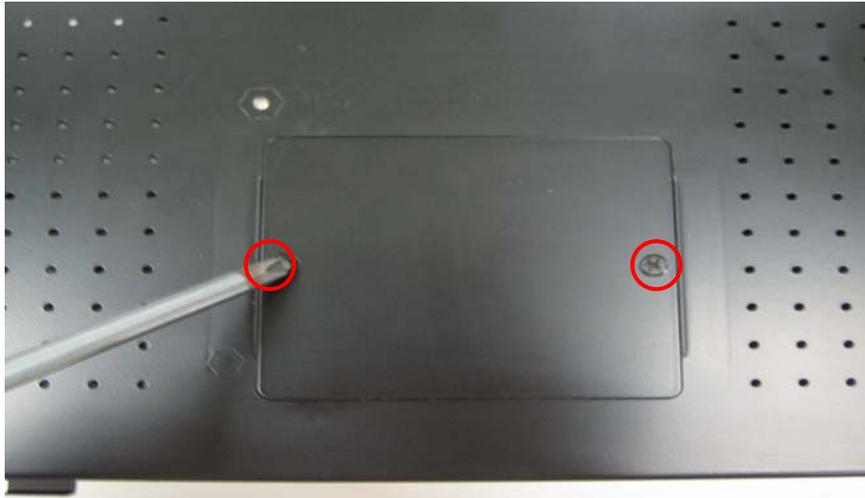
5. Inserting the CF carrier back and assembling with 2 screws to CF door located on rear panel.



2-4 Inserting a Mini PCI Card

The procedure of installing a Mini PCI Card into AR-ES0891 is detailed below, Please follow these steps carefully.

1. Remove power Cord
2. Unscrew the two screw from the Mini PCI door located on rear plate of AR-ES0891



3. Plug Mini PCI card into the socket with 2 screws to Mini PCI door located on rear panel.

