



EXAMPLE INTEGRATION INSTRUCTIONS

(WORK TICKET #) ASSEMBLY INSTRUCTIONS

Revision A

Effective May 12, 2005

Written By

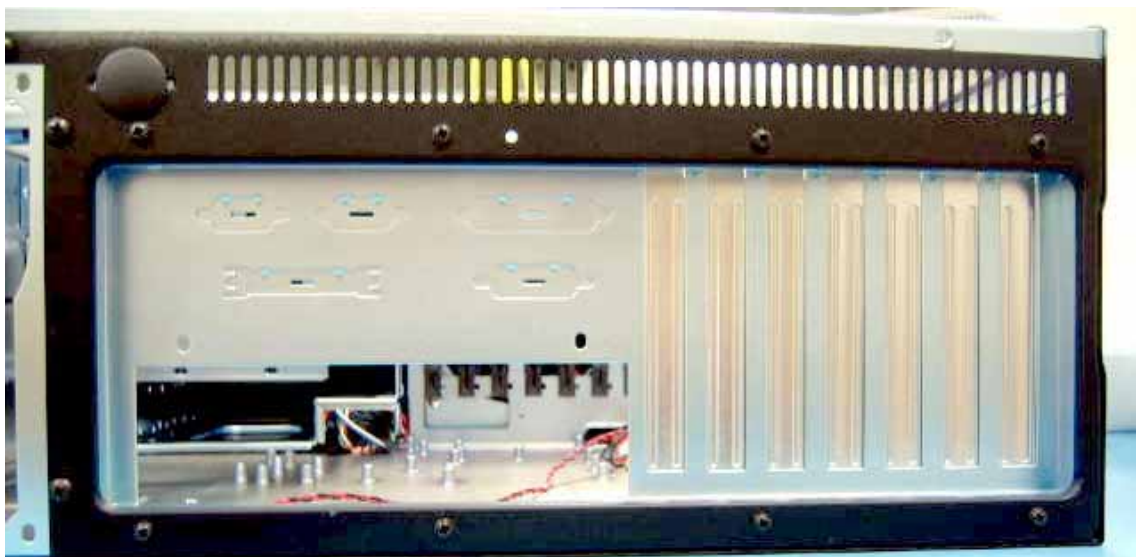
Allan Sherman

Copy Number

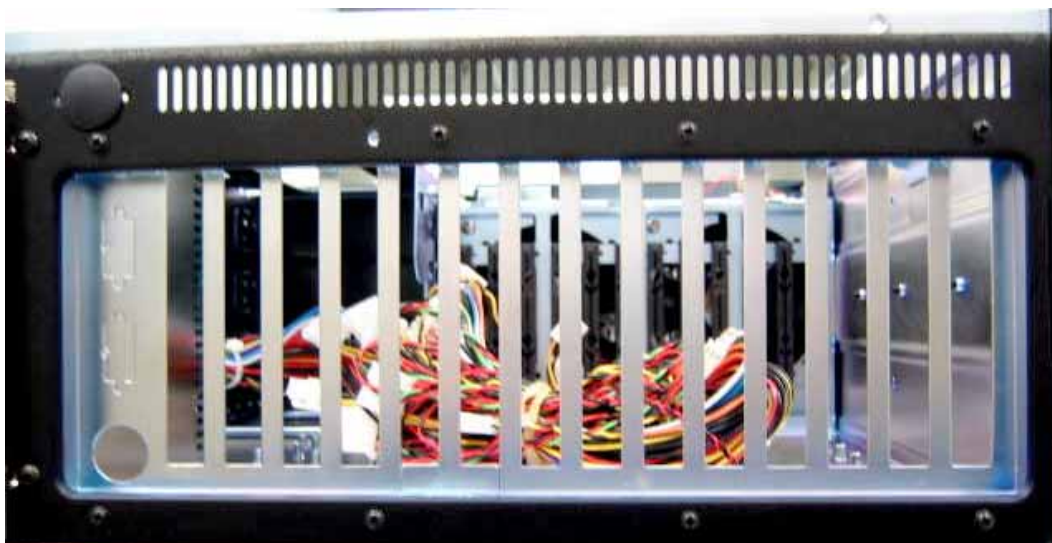
N/A

Uncontrolled Copy

1) Remove ATX Rear Panel.



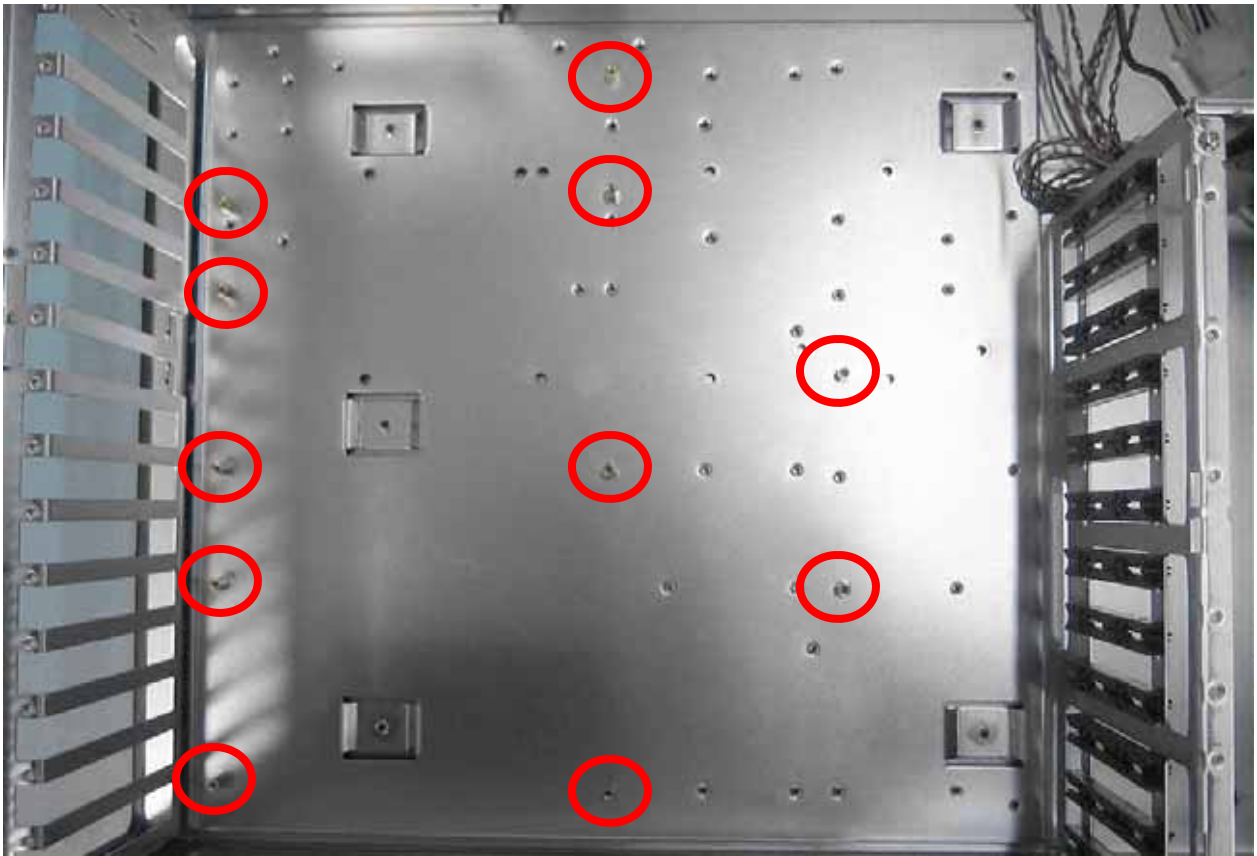
2) Install 14 Slot AT Rear Panel.



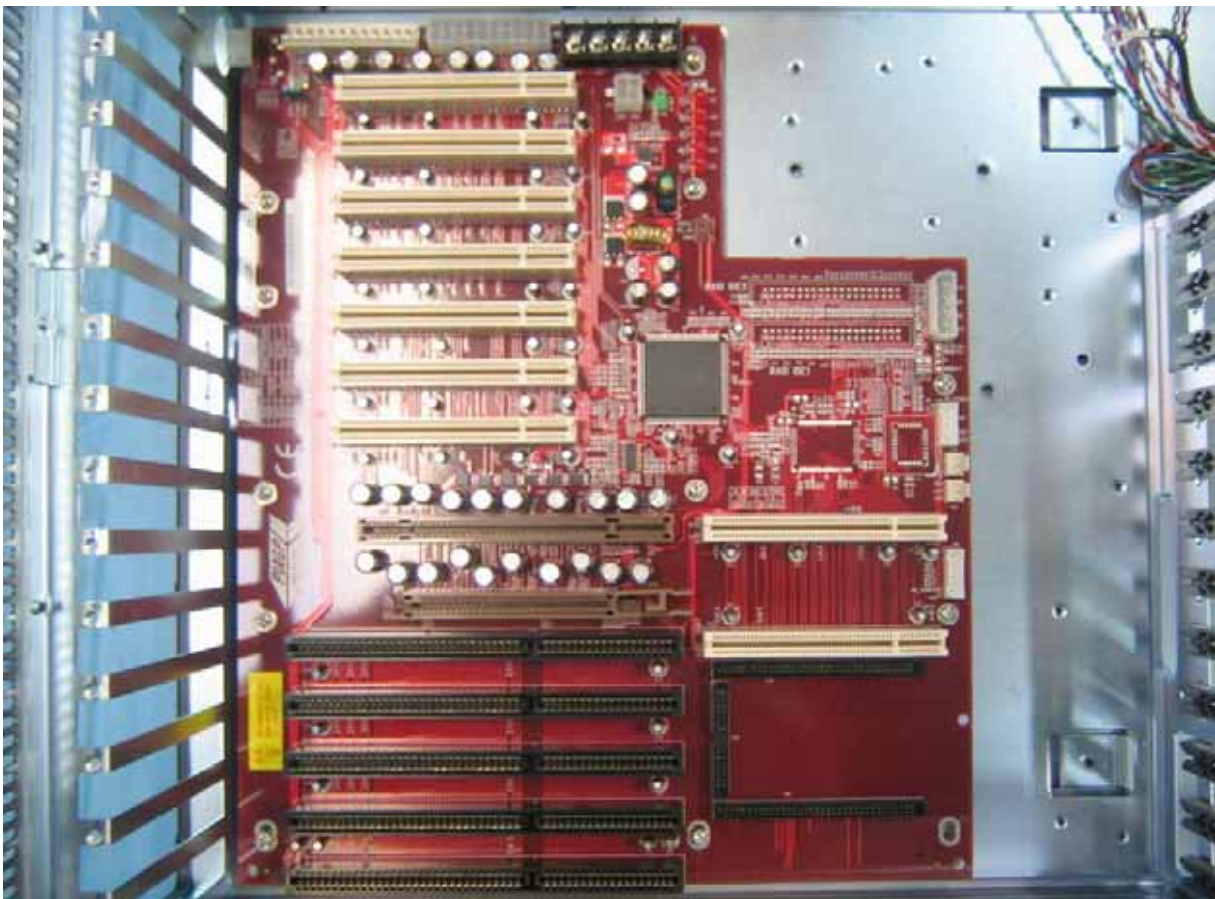
4) Install Power Supply with (4) Screws.



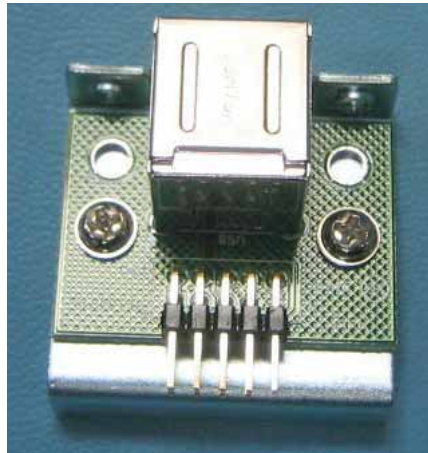
4) Install (11) Standoffs in floor of Chassis.



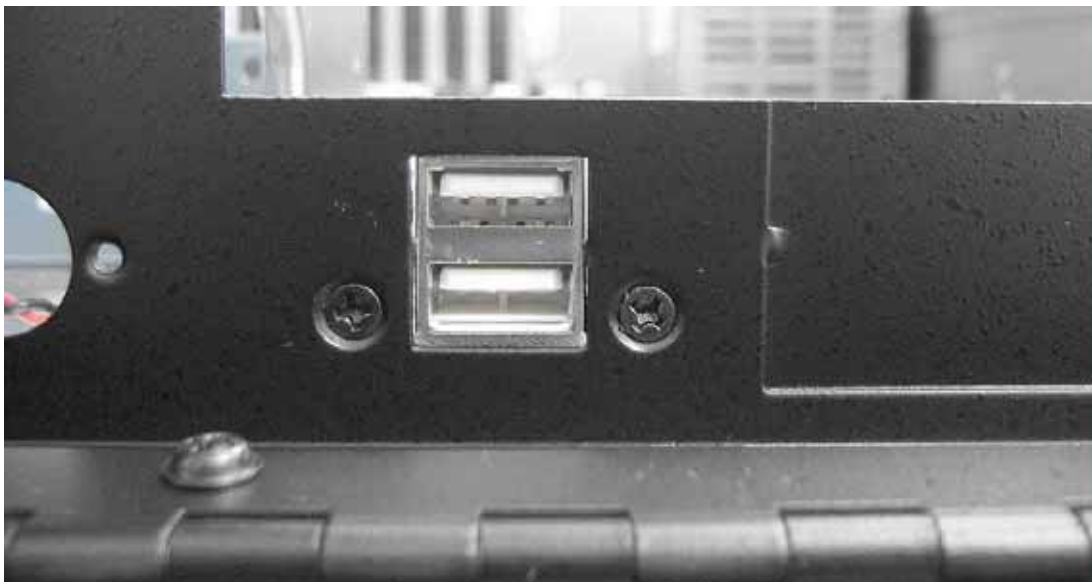
5) Install Motherboard with (11) screws.



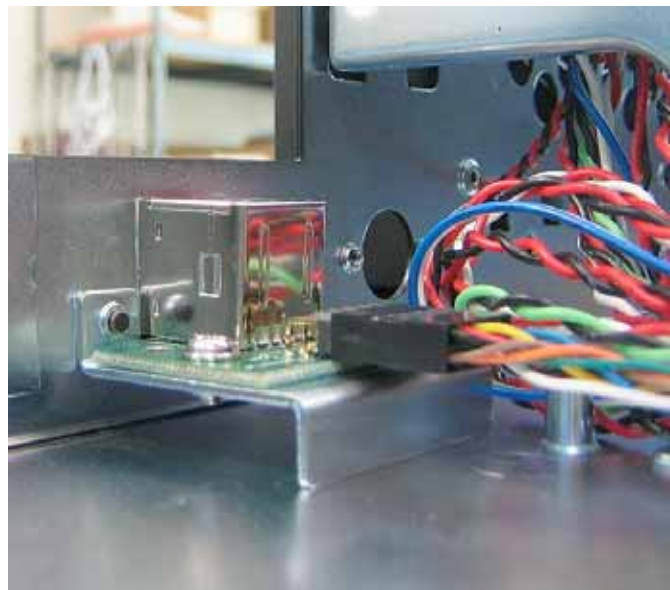
6) Install USB PCB to Mounting Bracket with (2) screws.



7) Install Bracket to Chassis with (2) screws.



8) Connect USB Cable to PCB connector.



9) Install AGP Card.



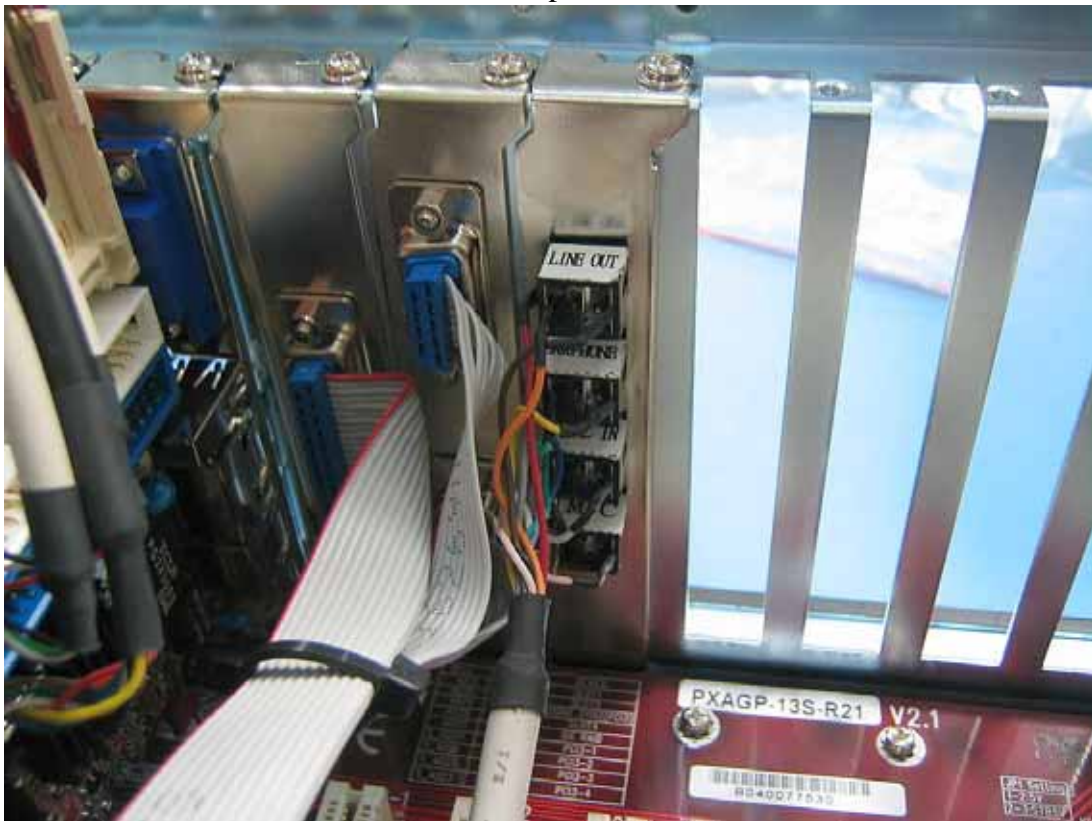
10) Install CPU, Heat Sink, Fan, and (1) Memory on SBC. Connect Fan to SBC.



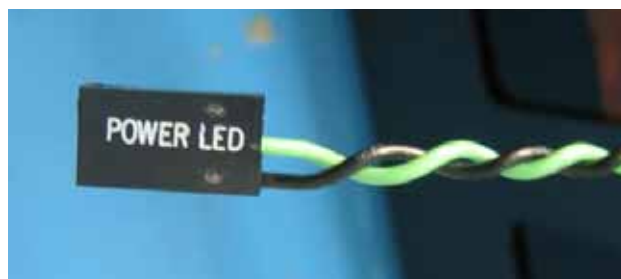
11) Install SBC into Chassis.



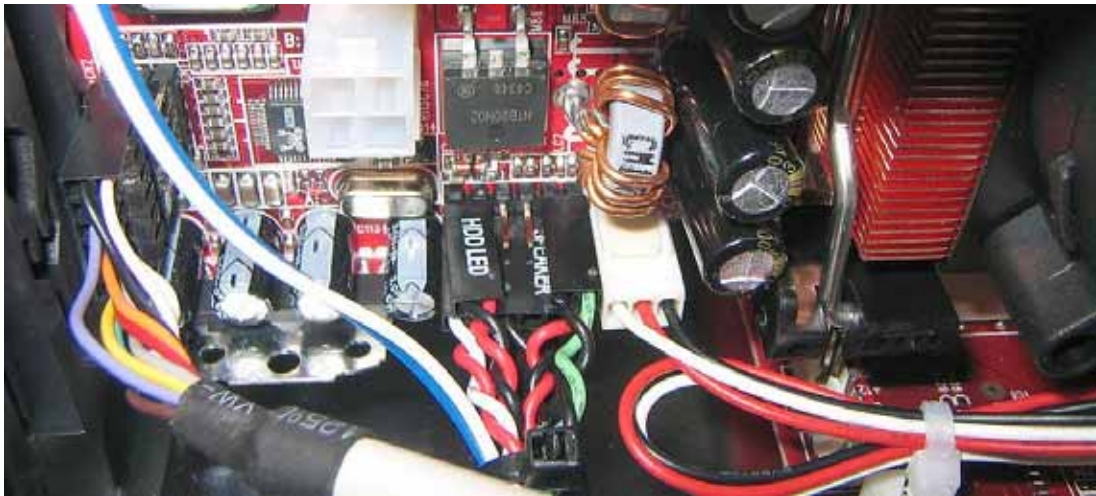
12) Install Audio, Serial, Parallel, and rear USB ports.



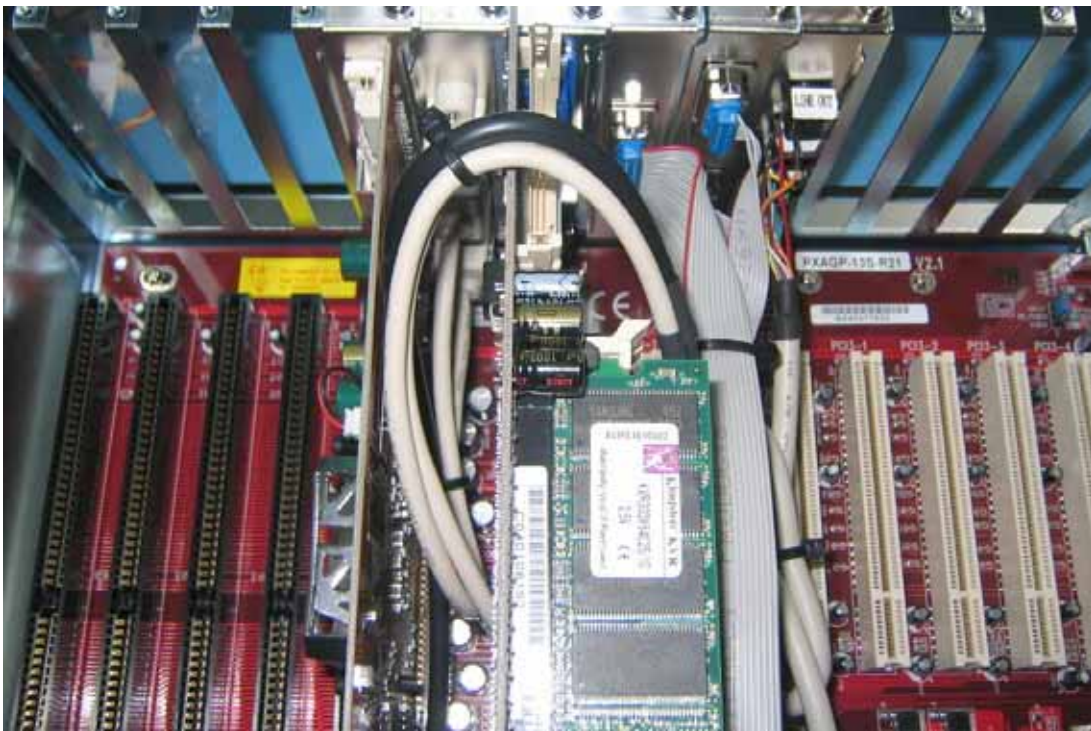
13) Re pin POWER LED by moving Green Wire from end to center position in connector.



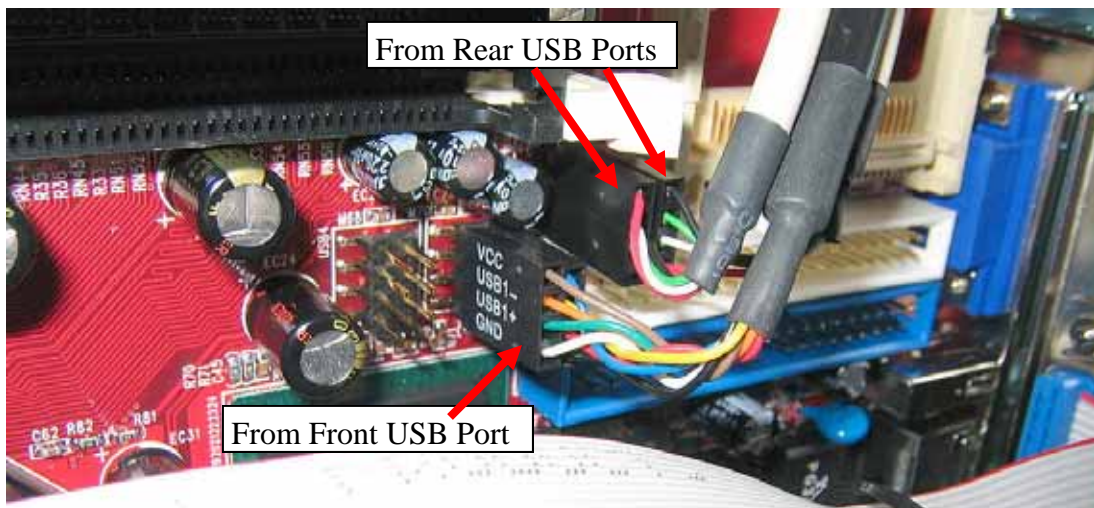
16) Connect Cable from Audio Ports to SBC.



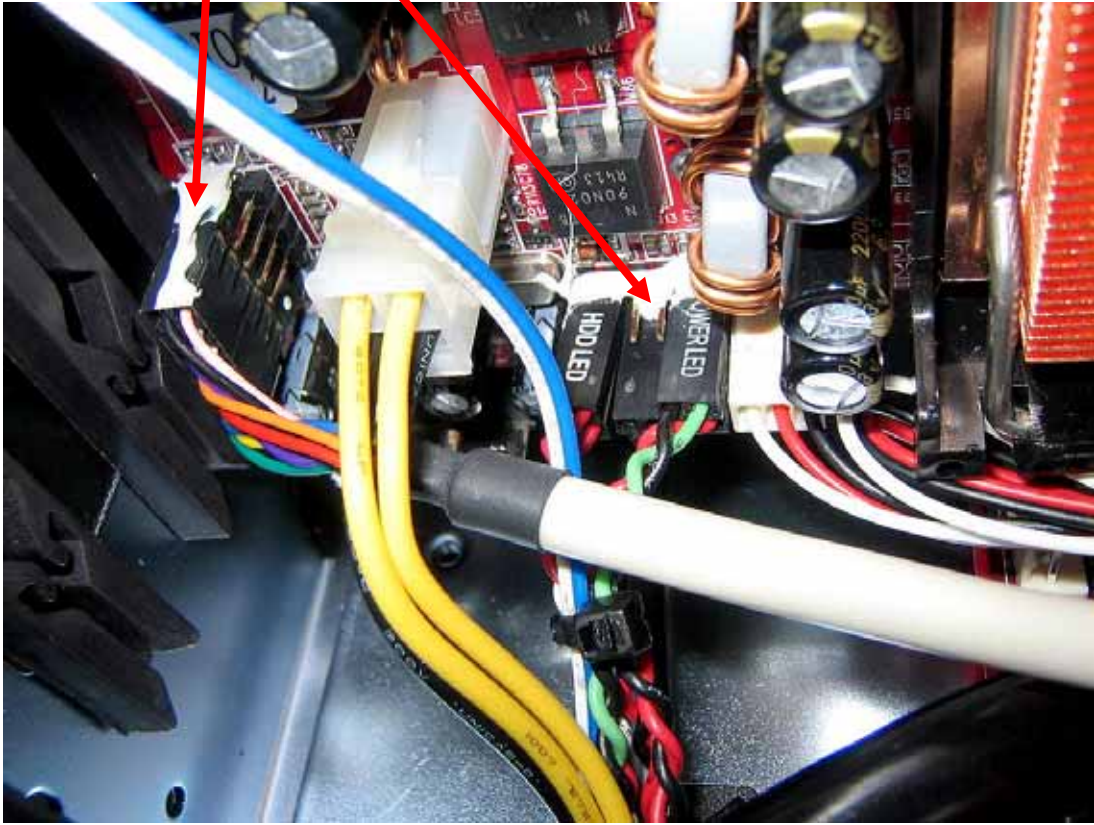
17) Route USB Cables over SBC.



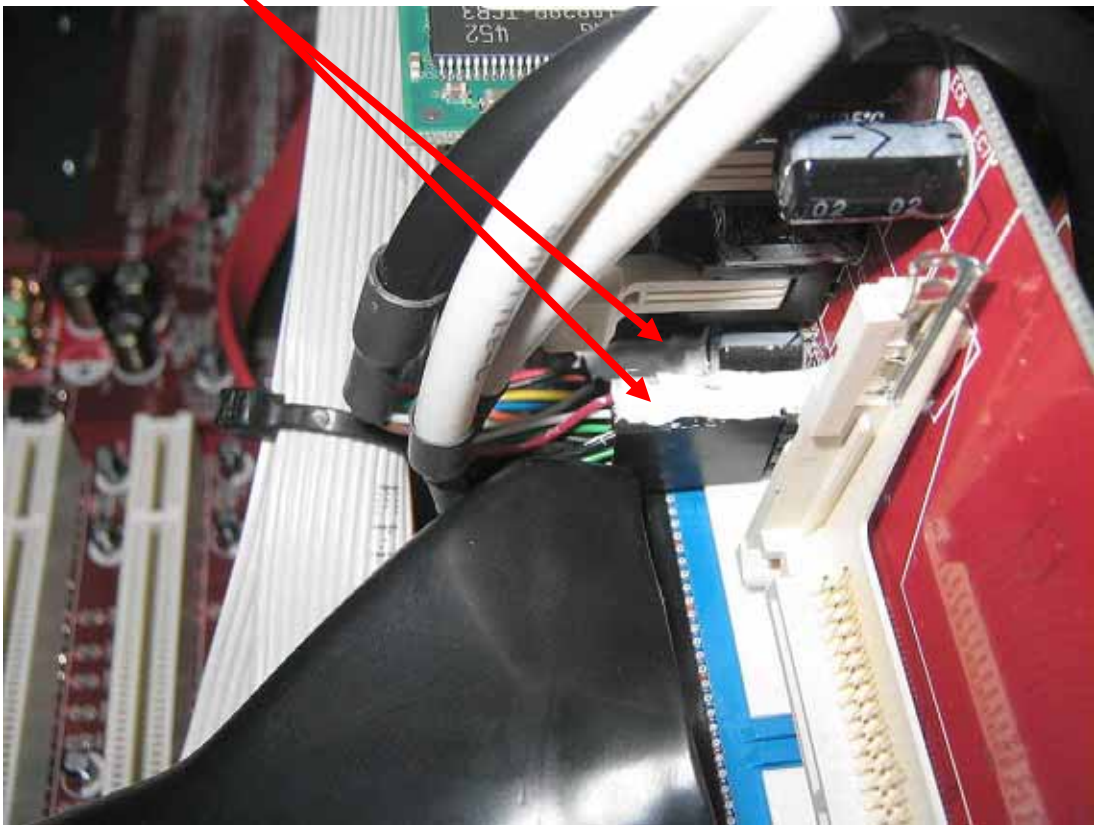
18) Connect USB Cables to SBC.



19) Apply RTV to Audio and Signal Cables.



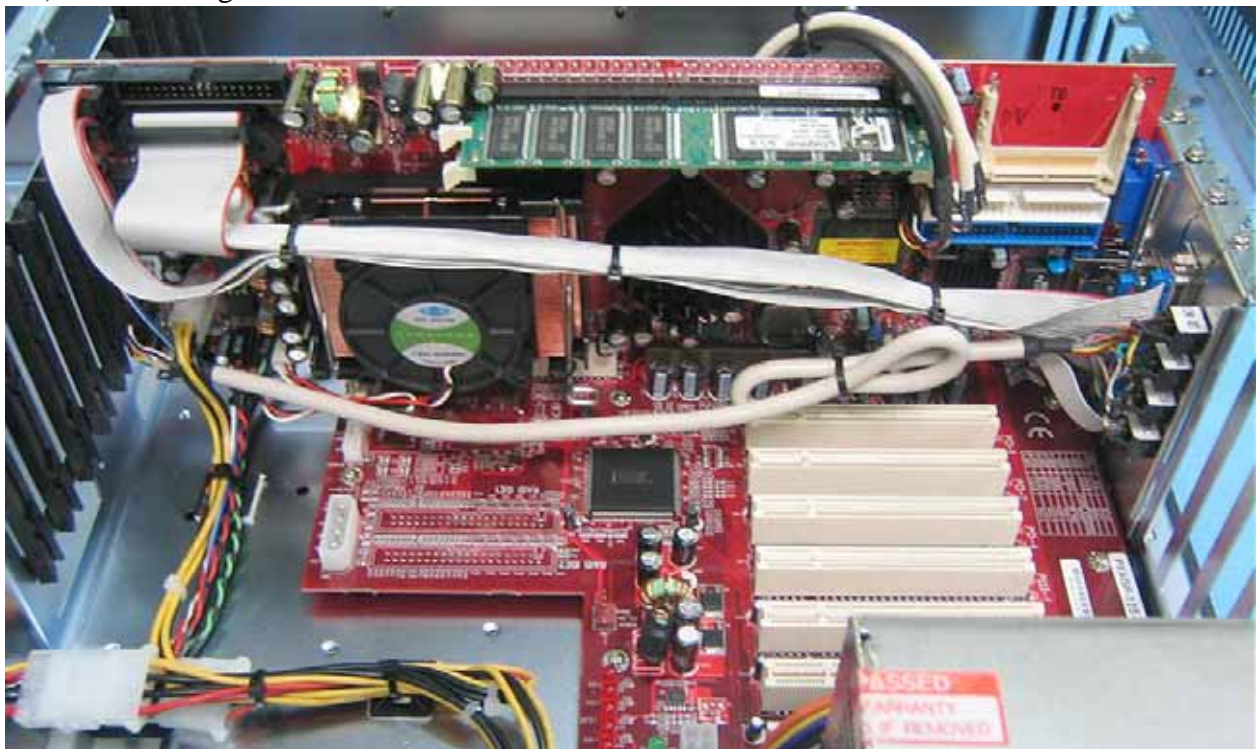
20) Apply RTV to USB Cables.



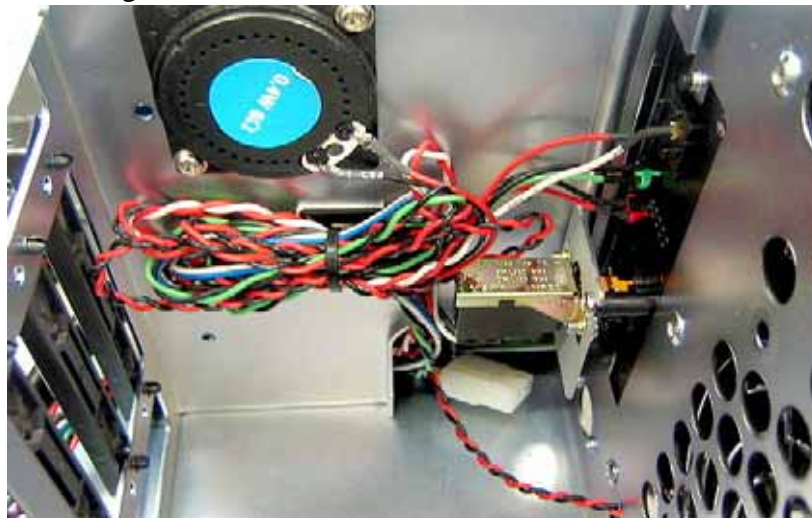
21) Connect 12V Power Cable to SBC.



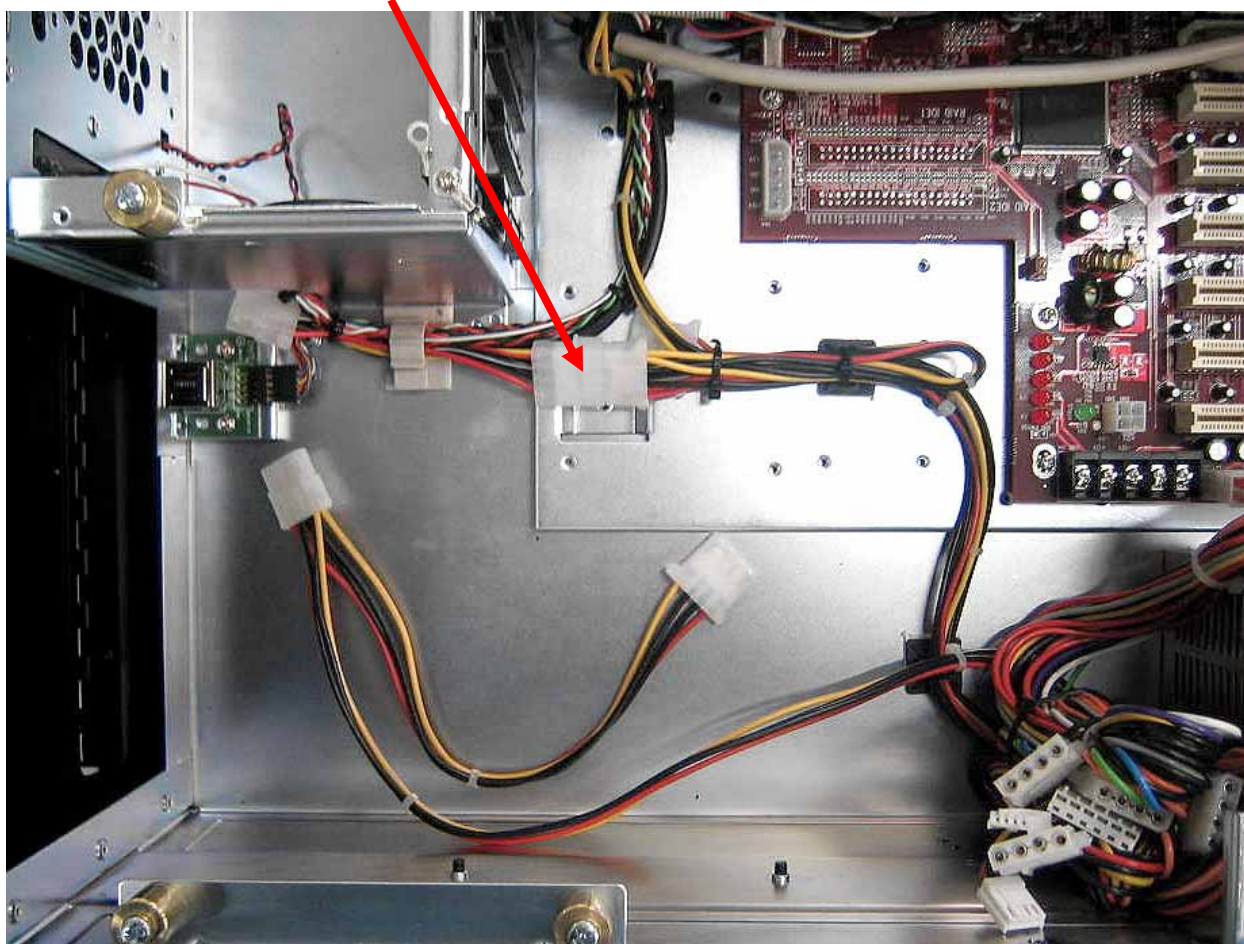
22) SBC Cabling.



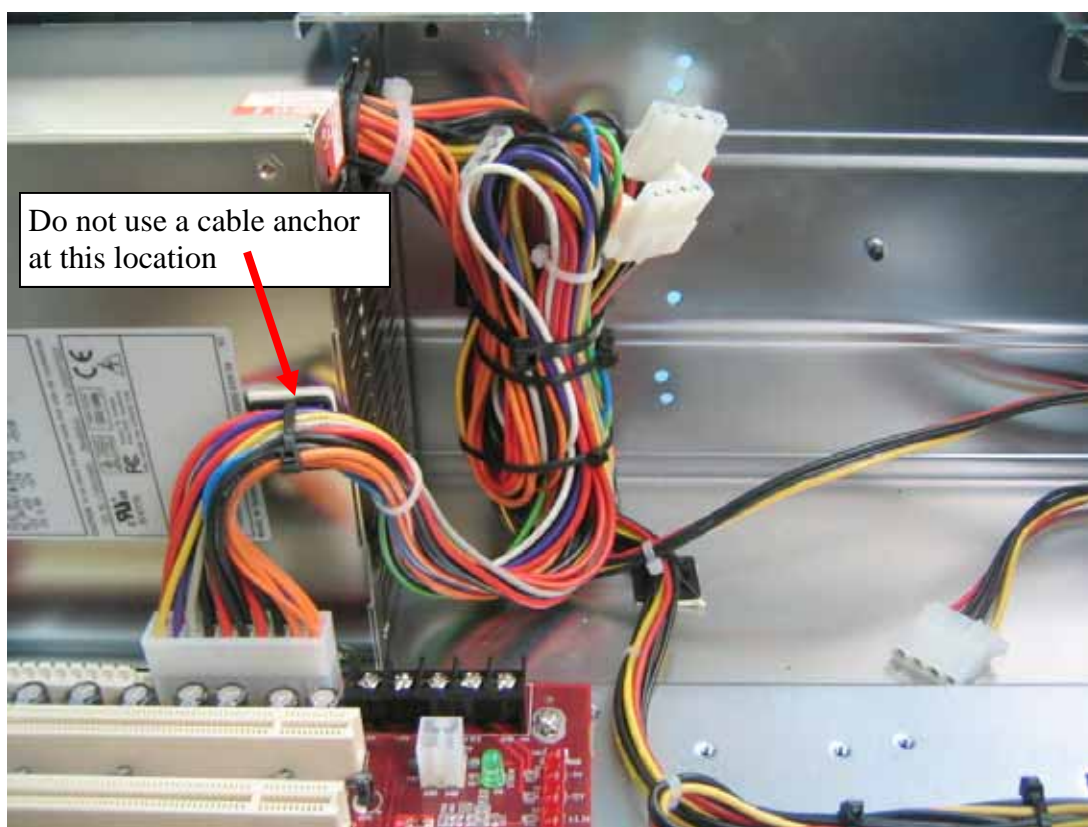
23) Secure excess Cabling.



24) Connect Front Fan Cable to Drive Power Cable and secure Cables.



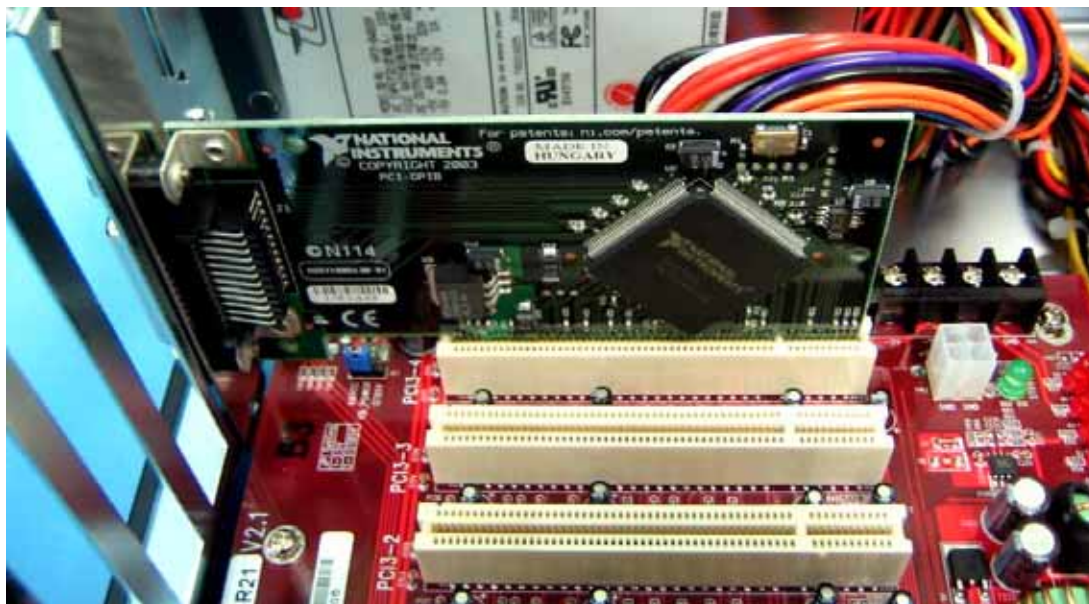
25) Connect ATX Power Cable. Secure Cables in front of Power Supply.



26) Connect SATA Cable to SBC.



27) Install GPIB Card.



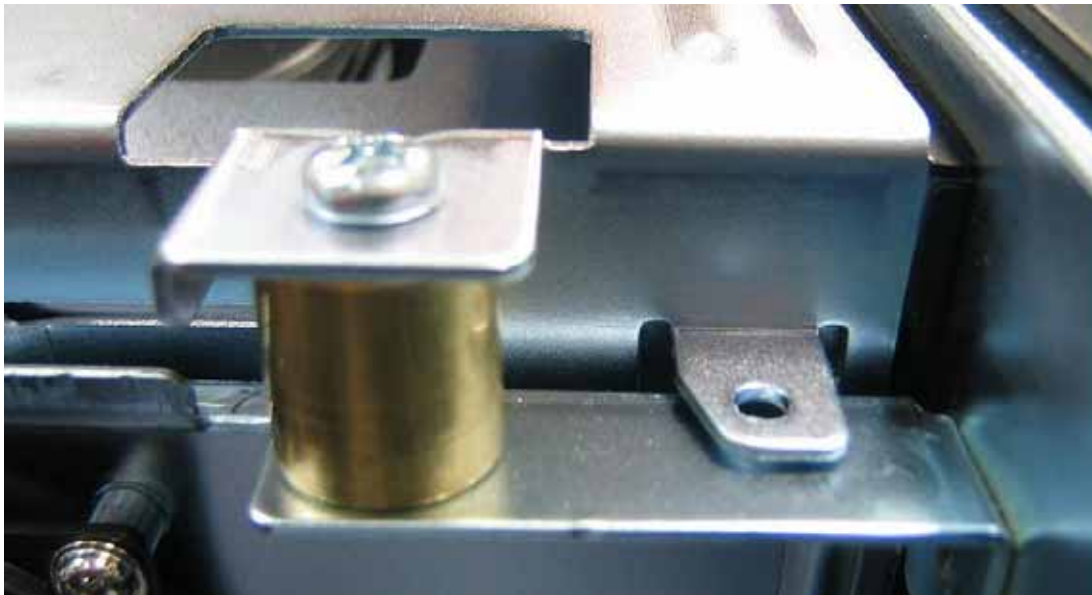
28) Install Hard Drives into Removable Carriers.



29) Install CD and Hard Drive Carrier into Drive Cage.



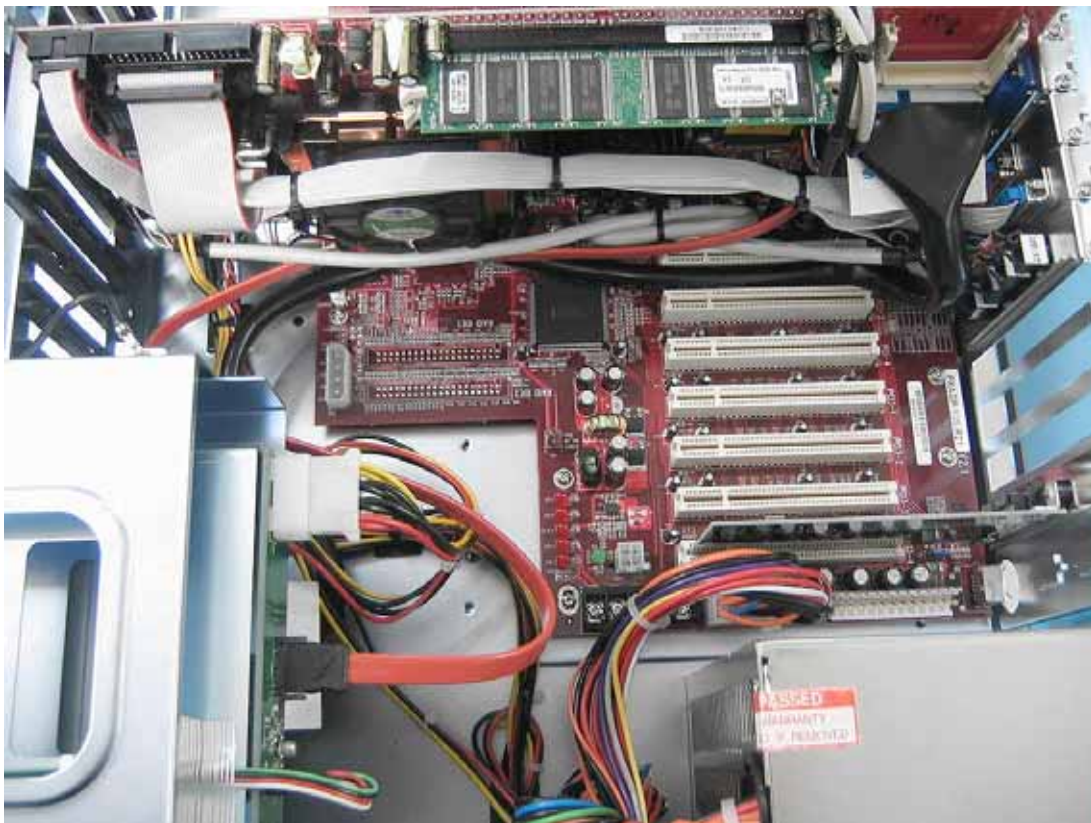
30) Install Drive Cage Assembly, replacing the Rubber Mounts with Solid Brass Spacers.



31) Connect Cables to Drives.



32) Top view of Cable routing.



33) Place OS Label on front of Drive Cage. Place “Intel” insignia over unused hole in Front Panel.



34) Apply Chassis Plans Logo to front of Chassis.



35) Rear Panel of completed Chassis.



36) Adhere SN Label to bottom of Chassis.



37) Top view of completed Chassis.



ATK SET UP

BIOS

Load Optimized Defaults

Advanced Bios Features:

First Boot Device: Floppy
Second Boot Device: CD Rom
Third Boot Device: Hard Drive
Boot up Numlock Status — ON

Advanced Chipset Features

On-Chip VGA—Disabled

Integrated Peripherals

Super IO Device Onboard FDC—Disable

Note: To perform Microscope, FDC must be set to “Enabled”.
Disable FDC before shipping.

PnP / PCI Configurations

PnP OS Installed—Yes