

# NU-0528i/NU-0548i Mini-ITX Chassis

## POWER SUPPLY ASSEMBLY



(1) Because the Smaller Size (Thinner Dimension) of FSP150-50AF, FSP180-50FA and FSP220-60LE Power Supplies occupy lesser Chassis space, -  
An additional 2.5" HDD is installable beside the Power Supply.



(2) The Opening for the Power Supply on the Rear Chassis Panel is designed for both Thinner & Wider Sizes of SFX Power Supply adaptation. Take care not to break off the Rear Panel's 'Punched-but-not-perforated' Bracket for the Thinner Size FSP150-50AF, FSP180-50FA and FSP220-60LE Power Supply installation.



(3) For the installation of FSP180-50FA/FSP220-60LE Power Supply, -  
An additional Fixture Bracket is required on the Cable Outlet end of the Power Supply.  
Use 1 pc of M3\*0.5\*L5 Hexagon Head Screw to secure the Fixture Bracket onto the FSP180-50FA/FSP220-60LE Power Supply beside the Cable Outlet as shown.



(4) Position the Power Supply in the case and, -  
Use 2 pcs of 6-32\*L6 Hexagon Head Screws and, -  
1 pc of 6-32\*L4 Flat Head Screw to secure the Power Supply on the Rear Panel.



(5) Use 4 pcs of M3\*0.5p\*L5 Flat Head Screw to secure the 2.5" HDD from the external side of Chassis.



(1) The Fixture Bracket is not required for the installation of the FSP150-50AF Model Power Supply. Take care not to break off the 'Punched-but-not-perforated' Bracket on the Rear Panel.



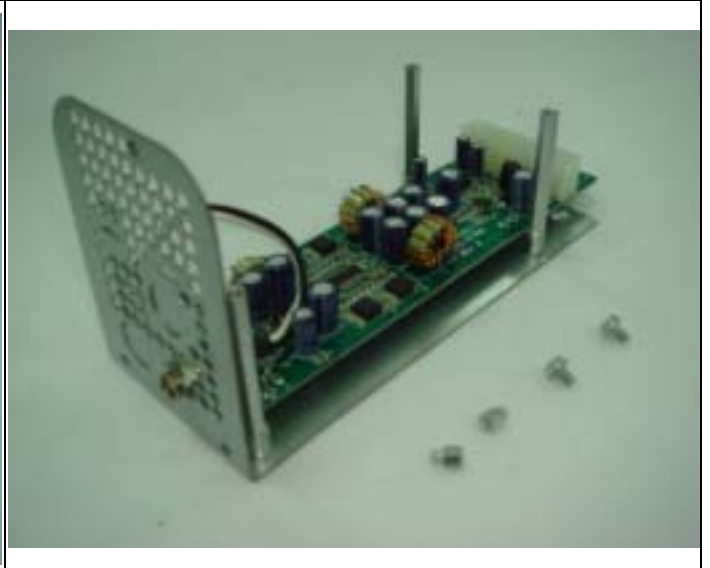
(2) Position the Power Supply in the case, - Use 2 pcs of 6-32\*L6 Hexagon Head Screws and, - 1 pc of 6-32\*L4 Flat Head Screw to secure the Power Supply on the Rear Panel.



(1) The current designed Fixture Brackets for the External (AC Adapter) Power Supply systems can fit 4 types of DC to DC Converter Boards –

PW-125B-5YATX(125W)/ END-0512(120W)/ END-0608(80W)/ ATX-60(60W).

Select the suitable type of DC Inlet Cable and Connector matched for each Converter Board specification.



(2) For the installation of Smaller Size DC to DC Converter Boards -

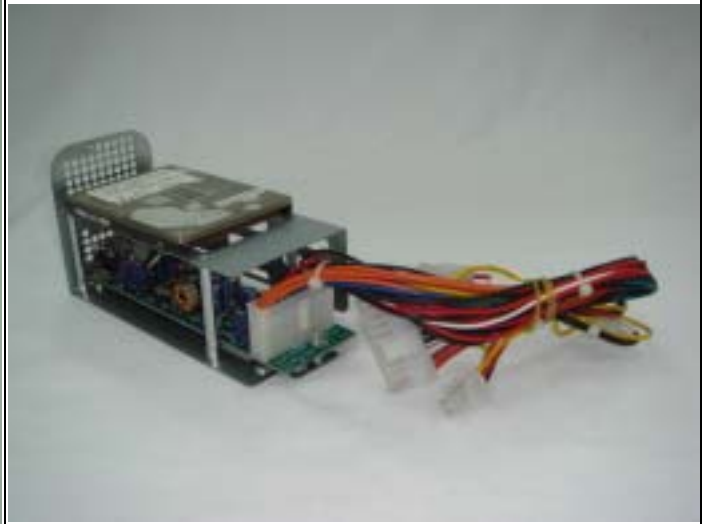
Select a suitable height securing position by adding the smaller Screw Posts (Stand-off).

Make sure to add 4 pcs of Round Washers beneath the 4 Long Pillar Posts of the Lower Fixture Bracket.

Secure them firmly with 2~4 pcs of M3\*0.5p\*L5 Hexagon Head Screws.



(3) Use 4 pcs of M3\*0.5p\*L5 Flat Head Screw to – Secure the 2.5" HDD on top of the Upper Fixture Bracket.



(4) Use 4 pcs of 6-32\*L4 Flat Head Screws to – Secure the assembled Upper Fixture Bracket on top of the 4 Long Pillar Posts of the Lower Fixture Bracket.



(5) For the installation of the Bigger Size PW-125B-5YATX(125W) DC to DC Converter Board, - The 4 pcs of Round Washers beneath the 4 Long Pillar Posts are not required and must be removed.



(6) Use 4 pcs of 6-32\*L4 Flat Head Screw to – Secure the assembled Upper Fixture Bracket onto the 4 Long Pillar Posts of the Lower Fixture Bracket.



(7) Position the assembled DC to DC Converter module into the case and, - Use 3 pcs of 6-32\*L6 Hexagon Head Screws to secure the module from the Rear Panel.



(8) The usage of the DC to DC Converter module would interfere with Low Profile Expansion Card's application due to structural size and space limitation in the physically smaller dimensioned 0528/0548 Chassis.





(9) The DC to DC Converter Module can be installed with the Slim ODD+2.5" HDD Bay but it is not capable to accommodate the usage of the Low Profile Expansion Card.