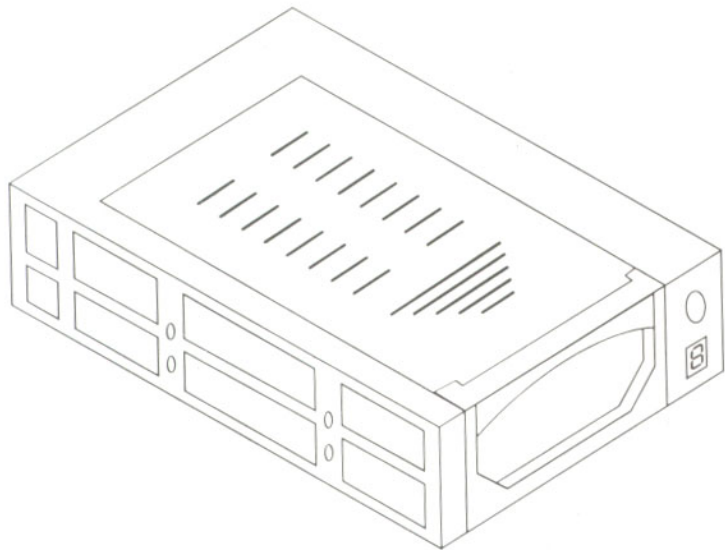


SNT[®]-166

HDD Mobile Rack Kits User Manual



SNT-166

Removable HDD Rack Kits

User Manual

INTRODUCTION:

Thank you for your using SNT-166 series removable hard disk rack kits.

Sunnytek Information Co., LTD. is one of the Taiwan leading professional manufacturers for his own designed SNT Brand Mobile Racks in Taiwan. Sunnytek devotes long term investment to R&D on the high-quality and multi-functional products and Sunnytek proudly presents full-line SNT mobile rack products with the complete compatibility & interchangeability. We believe you will find that SNT products superior to any other like-items on the market.

SNT features a new and improved heat dissipation design for cooling large drive uses. SNT-166 series can be applied from IDE, SCSI I, II, to Wide SCSI hard disks. SNT-166 includes an aluminum frame, an aluminum inner cartridge and metal top & bottom covers. The out frame could be applied to any standard 5.25" half height drive bay and the cartridge can be fitted to 1" or 1.65" height 3.5" HD.

SNT-166 include the following series:

SNT-166A --- IDE Series, compatible and interchangeable with SNT-101A, SNT-105A, SNT-106A, SNT-107A.

SNT-166S --- SCSI I, II series, compatible and interchangeable with SNT-101S, SNT-105S, SNT-106S and SNT-107S.

SNT-166M --- SCSI I, II series, compatible and interchangeable with SNT-166W series.

SNT-166W --- For SCSI I, SCSI II SCSI III, Ultra Wide SCSI it is compatible and interchangeable with SNT-166M.

The unique development on the compatibility from SCSI I, SCSI II, Wide SCSI to Ultra Wide SCSI far outweighs that of other brands in this field. With the unique development, Power Control Keylock is another SNT's humanized design--Use power control key to lock the handle when turning on the key to "ON" position. Together with the DUNE shape front panel, they double secure your working HDD from being pulled out while it is working.

With the power control keylock design, SNT-166 series get the HOT SWARP function - Can remove your HD while the computer is still running. In a disk array, you can re-place your hard disks without any computer break-time.

SNT-166 is also characterized its AHARM(Auto Handle Actuated Release Mechanism) design - to separate HD from the frame without any tools. SNT-166 can easily be put into or removed from a 3.5" hard drive on your personal computer, disk array(RAID), workstation or even from mini-computers. SNT-166 is your working database -- Where you go; where you get your data. SNT-166 is your best solution to backup your data safely.

SNT-166 is designed in aluminum material and metal upper and bottom covers for the best heat dissipation and ventilation. A standard fan(4cm) and a built-in 2.5cm fan(option) provide best ventilation and it is without any magnetic or radiation problems.

SNT-166 series are your best choice for all fast SCSI applications.

SNT-166 Series

SETUP PROCEDURES:

1. Fix the frame on the 5.25" frame by the provided screws.
2. Connect the 4P power cord.
3. Connect the 68 pin flat cable.
4. Link the ID selector, 5 pin terminator and set the right ID Number.(When using an external SCSI ID, the internal SCSI ID should be set to zero(0) position).
5. Connect the Spindle Control 2 pin (When spindle control is used).
6. Link Activity LED 2 pin(When Activity LED is installed on the external box).
7. Open the upper and bottom covers.
8. Connect the cartridge power cord to hard disk.
9. Link 68 pin flat cable to hard disk.
10. Connect 5 pin ID selector to hard disk.
11. Connect 2 pin Spindle Control(When spindle control is used).
12. Link Activity LED 2 pin to HD.
13. Fix the HDD to the cartridge with the provided 6 screws.
14. Re-cover upper and bottom covers.
15. Slide the cartridge into the fixed frame.
16. Turn the Keylock to "ON" position and it means hard disk is ready.
(If it is a SNT-166AF model, connect the 40 pin cable included).

Note:

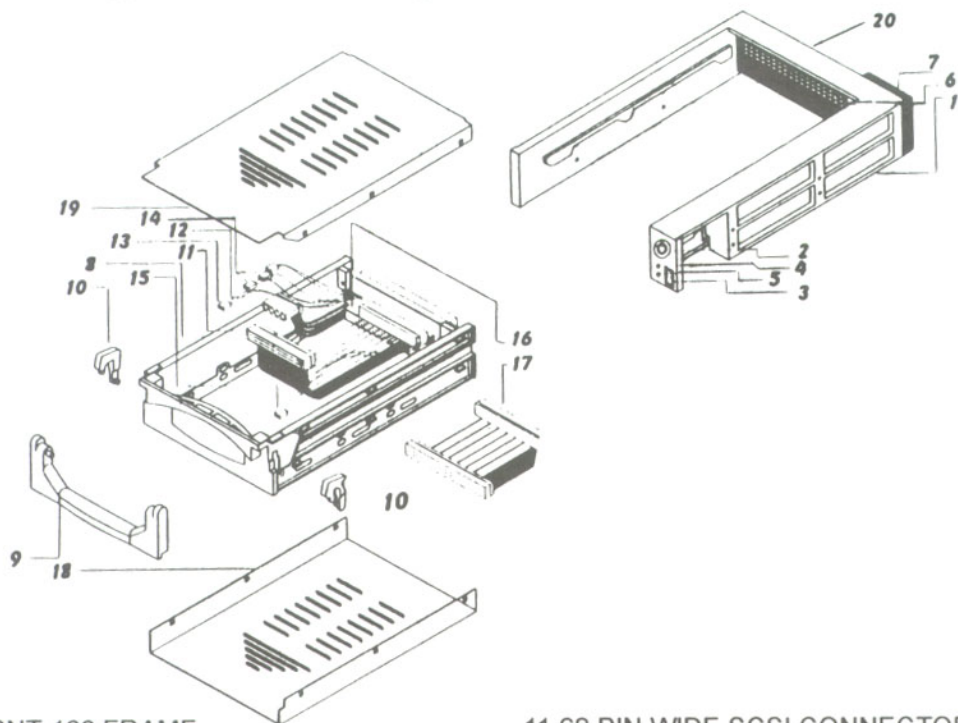
1. When using IDE hard disk, you have to connect the 40 pin flat cable included).
2. When using SCSI I or II hard disk, you have to connect the 50 pin flat cable. and set the DIP switch according to the instruction on the type setting table.
3. When Wide SCSI hard disk is used, you have to choose the right setting according to type setting table.
4. For more service information please contact: Email: snt@mail.apatc.com.tw.

Type Setting Table

| | | | | | | | | | | | | |
|----------------------------|--------------------------|--|--|--------------------------|--------------------------|----|---|---|--|---|---|--|
| Single end Differential | Wide SCSI Wide SCSI | Dip Sw 1: off 2: off Dip sw 1: off 2: off | <table border="1"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>on</td></tr><tr><td>.</td><td>.</td><td></td></tr><tr><td>1</td><td>2</td><td></td></tr></table> | <input type="checkbox"/> | <input type="checkbox"/> | on | . | . | | 1 | 2 | |
| <input type="checkbox"/> | <input type="checkbox"/> | on | | | | | | | | | | |
| . | . | | | | | | | | | | | |
| 1 | 2 | | | | | | | | | | | |
| Single end | SCSI I, II | Dip Sw 1: off 2: on | <table border="1"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>on</td></tr><tr><td>.</td><td>.</td><td></td></tr><tr><td>1</td><td>2</td><td></td></tr></table> | <input type="checkbox"/> | <input type="checkbox"/> | on | . | . | | 1 | 2 | |
| <input type="checkbox"/> | <input type="checkbox"/> | on | | | | | | | | | | |
| . | . | | | | | | | | | | | |
| 1 | 2 | | | | | | | | | | | |
| Differential | SCSI I, II | Dip Sw 1: on 2: on | <table border="1"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>on</td></tr><tr><td>.</td><td>.</td><td></td></tr><tr><td>1</td><td>2</td><td></td></tr></table> | <input type="checkbox"/> | <input type="checkbox"/> | on | . | . | | 1 | 2 | |
| <input type="checkbox"/> | <input type="checkbox"/> | on | | | | | | | | | | |
| . | . | | | | | | | | | | | |
| 1 | 2 | | | | | | | | | | | |

SNT
SNT-166

Diagram: Components of SNT-166



1.SNT-166 FRAME

2.KEYLOCK & POWER CONTROL

3.ID NO.DISPLAY

4.POWER LED

5.ACCESS LED

6.FRAME PCB

7.40*40(MM)FAN

8.SNT-166 TRAY

9.HANDLE

10.L PUSH BAR

11.68 PIN WIDE SCSI CONNECTOR

12.H.D. POWER CONNECTOR

13.H.D. ACTIVITY CABLE

14.SCSI ID SELECTOR CABLE

15.SPINDLE SYNC

16.SCSI 50 PIN CONNECTOR

17.SCSI 50 PIN CABLE

18.BOTTOM COVER

19.TOP COVER

20.SEE BACK VIEE

SNT-166AF

SNT-166SFD

SNT-166SF

SNT-166MFD

SNT-166MF

SNT-166WFD

SNT-166WF

| A | S | M | W | F | D |
|-----|--------------|--------------|--------------|-----|---------|
| IDE | SCSI I,II | SCSI I,II | WIDE SCSI | FAN | DISPIAY |

