

DS-600S

User Manual



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NORCO
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Unpacking Your DS-600S:

Open the DS-600S box and carefully remove the DS-600S unit and accessories, the DS-600S and accessories including the following items:

NORCO DS-600S unit (with four cooling fans, without hard drive)

NORCO-LIB600 backplane board

Three pairs of hard drive bay adapter

One SATA data cable

User's manual

Screws and screwdriver (HDD tray unlock tool)

Chapter 1 Introduction

1.1 Overview

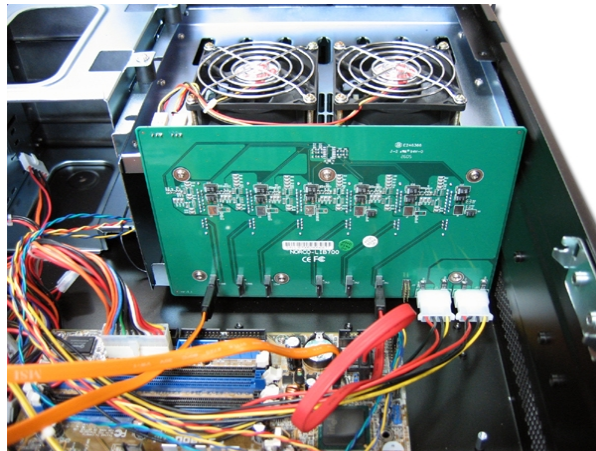
- 4U rack mount chassis, six hot-swappable SATA slim drive bays with the standard SATA interface backplane.
- Hot-swappable HDD tray with special designed power-off and lock mechanism.
- 150 Mbps maximum data transfer.
- Support ATX motherboard up to 12" x 10".
- Front panel with power ON/OFF and system reset switch.
- Excellent cooling system.
- Lockable front panel door



Front View



Rear View



Inside View

1.3 Specification

Construction	Heavy duty 1.2mm steel, meets FCC/CE Class
Drive Bay	6 x hot-swappable SATA slim drive bays, 3 x 5.25" bays, 1 x 3.5 " bay
Applications	With six hot-swappable SATA slim drive bays, you are already capable of creating a 4U rack mount computer system with Terabyte storage. An excellent solution for media streaming, and massive data warehousing
Data speed	150 Mbps maximum data transfer
Material	Heavy-duty 1,2mm steel. Inside: bright zinc, Outside: texture-coated
Dimension(W x D x H)	19" x 21.5" x 7" (482mm x 545mm x 177mm)
Cooling fan	4 x 80mm top fans, 2 x 60mm optional rear fans
Operating System	Windows NT, Windows 2000, Windows 2003, NetWare, Tru64 UNIX, Open VMS, Linux
Power Supply	Available ATX
PCI Extension	7 Full height and length slots
Switch	Power ON/OFF x 1, System reset x 1, Keyboard lock x 1
Options	Support ATX motherboard up to 12" x 10"
Color Options	Grey / Beige / Black
Weight	16.4 kg/36 lb (NET) 18.2 kg/40 lb (GROSS) (without hard drive)
Temperature Range	Operating 41°F to 104°F (5°C to 40°C) Shipping -31°F to 167°F (-35°C to 75°C)
Relative Humidity (non-condensing)	Operating 10% to 90% Shipping 5% to 90%

Chapter 2 Installation Introductions

2.1 Installing hard drives

1. Insert the small screwdriver into the unlock hole of the HDD tray, push the unlock button softly to unlock the handle. The HDD tray will slide out.



2. Connect the power and data connectors to the HDD; fasten the HDD with four screws.



3. Insert the HDD tray with HDD back to the chassis; push the handle back to lock the HDD tray.
4. Use SATA data cable to connect LIB600 board with motherboard or Raid card.

Cautions

1. DS600S supports different size of HDD in the same system.
2. It will cause damage if removing the HDD tray from the chassis before unlocking the tray by using the unlock tool.
3. In order to assure the best cooling effect, do not remove the chassis top cover away when the system is running.
4. Do not remove the HDD tray until the data is completely transferred. Otherwise the data may be lost!