



Dismantling Guide

***PN: MTS3600Q-1BNC, MTS3600Q-1UNC,
MTS3600Q-2BNC, MTS3600Q-2UNC,
MTS3600R-1UNC, MTS3600R-2UNC***

Rev. 1.0



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Revision

Table 1: Revision

Revision	Date
1.0	Oct. 2010

Preface

This manual is intended as a reference for dismantling MTS3600 switch systems in preparation of meeting the requirements of WEEE recycling. Intended Audience

This manual is intended for technicians who dismantle the switch systems as a reference for WEEE recyclers.

Mellanox Technologies emphasizes the importance of carefully following all procedures described in this guide to prevent personal injury.

Switch OPNs

This document is valid for all of the switch OPNs listed in Table 2.

Table 2: Switch OPNs for this Procedure

MTS3600Q1BNC
MTS3600Q1UNC
MTS3600Q2BNC
MTS3600Q2UNC
MTS3600R1UNC
MTS3600R2UNC

Policy Statement

Mellanox Technologies recognizes the importance of developing connectivity solutions that not only enable our customers to optimize their data centers performance, but also protect the environment and ensure that future generations enjoy its bounties. Mellanox Technologies is committed, therefore, to meeting the requirements of the European Union's WEEE (waste electrical and electronic equipment) directive. The directive mandates how the materials used in electrical and electronic equipment must be disposed of.

Mellanox Technologies has worked closely with its suppliers to eliminate hazardous materials from its Products. There are instances, however, where it has not proven possible to completely eliminate all hazardous materials. Consequently, all applicable Products are labeled with a crossed out "wheelie" bin symbol, indicating that special care must be applied to their disposal and / or recycling.

1 Dismantling Instructions

This chapter provides detailed instructions for dismantling the InfiniBand switch Long & Short systems. Follow the instructions in the order they are presented.

1.1 InfiniBand switch system systems - General

The InfiniBand switch system complies with RoHS directive under the exemption known as RoHS-5 and RoHS-6.

The last digit of the product part number represents the RoHS type.

For example

MTS3600Q1BNC — C = RoHS-5

InfiniBand switch system systems are comprised of:

- Main Board
- CPU board with battery
- Management Board
- Fan unit
- Harness
- Power Supply Unit (PSU)
- Cover
- Brackets

1.2 General Preparations

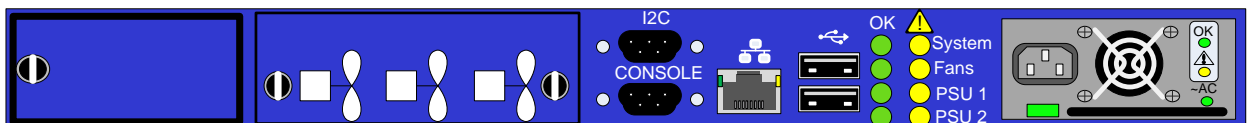
The InfiniBand switch system is assembled using Philips screws, and handles with snap in latches for modules.

To disassemble the InfiniBand switch system you will need a small Philips screwdriver.

The pictures displayed in the following pages provide visual guidance explaining how to remove the modules from the mechanical base.

1.3 Power Supply Unit Extraction

Figure 1 Power Side of the Switch



To extract a PSU:

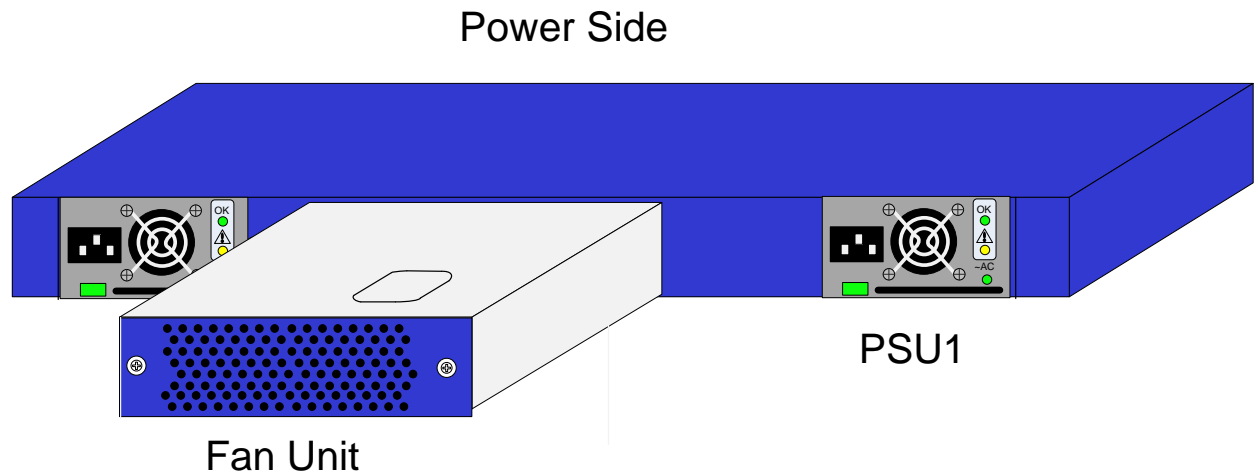
1. Remove the power cord from the power supply unit.
2. Grasping the handle with your right hand, push the latch release with your thumb while pulling the handle outward.
3. Remove the PSU.
4. Repeat the procedure to the second PSU if there is one.
5. If there is only one PSU remove the blank cover. Unscrew the capture screw and pull the cover off.

1.4 Fan Unit Extraction

To extract a Fan Unit

Unscrew the thumbscrews using your fingers or using a Philips screwdriver. Pulling on the thumbscrews remove the fan unit.

Figure 2 Extracting the Fan Unit



1.5 Cover Extraction

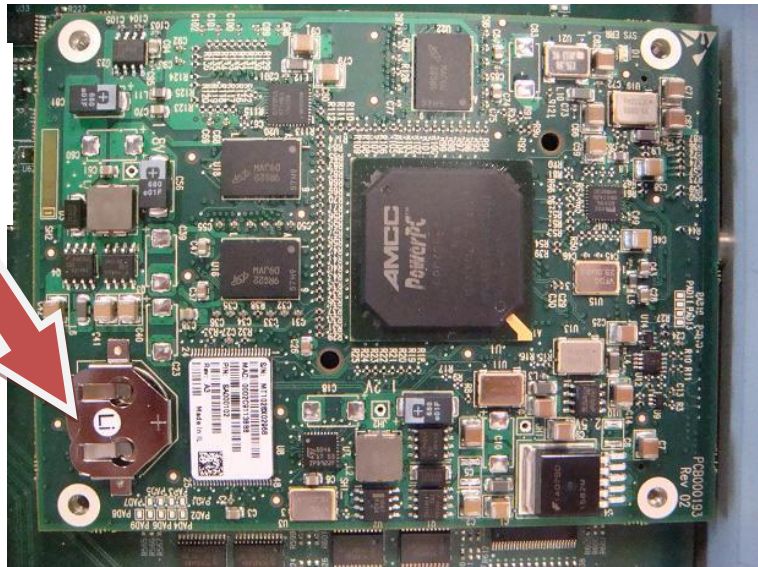
Unscrew all of the screws from the top and sides of the cover and remove the cover.

1.6 Battery Extraction

In all managed Mellanox systems there is a CPU board and / or Management board, there is a: COIN TYPE LITHIUM BATTERY CR1620 3V 75MA.

Figure 3 Remove Battery

Remove the battery



Remove the battery before removing the board.

1.7 Board Extraction

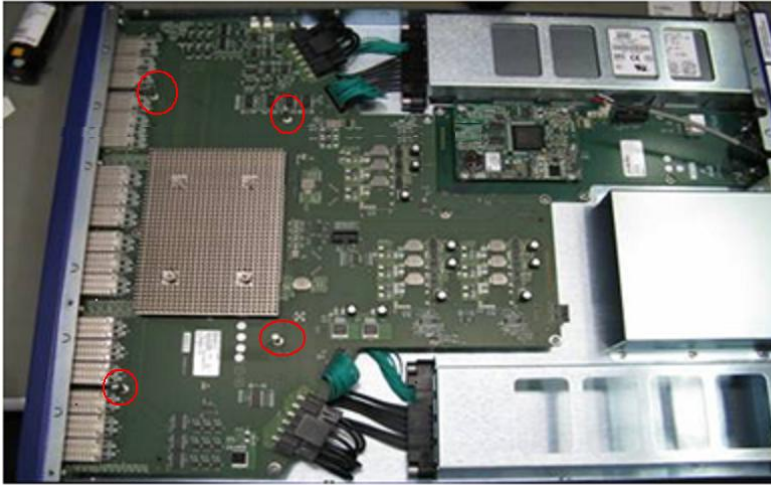
1. Disconnect the harness connectors between the units.

Figure 4 Remove the Harnesses



2. Unscrew the Philips screws and remove spacers to remove the Main board, CPU Board and Management Board.

Figure 5 Main Board Screws



3. Remove the management board.

Figure 6 Remove Heat Sink and Boards

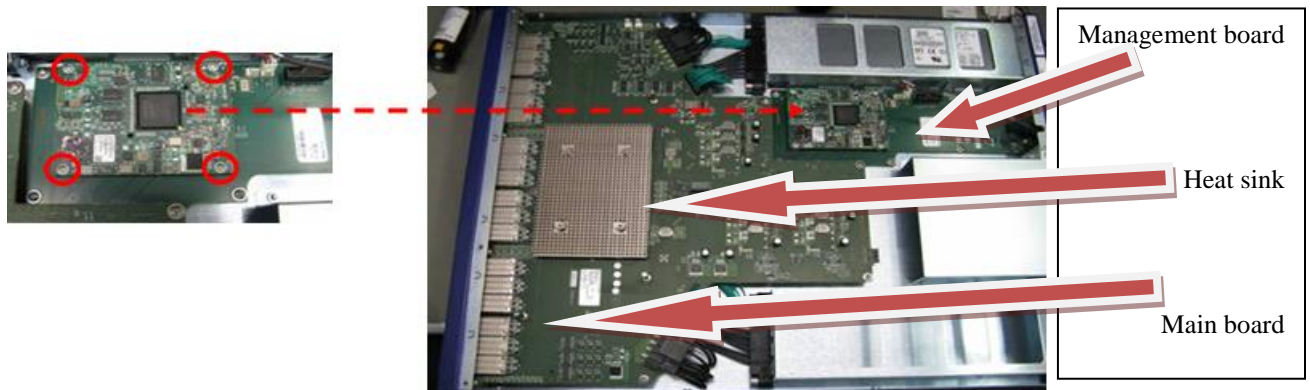
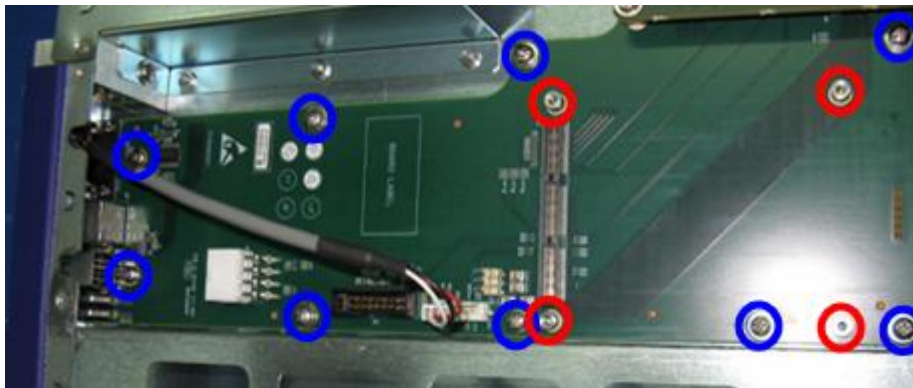


Figure 7 Management Board Screws



1.8 Harness Extraction

Disconnect harness connectors and remove Harnesses from the base.