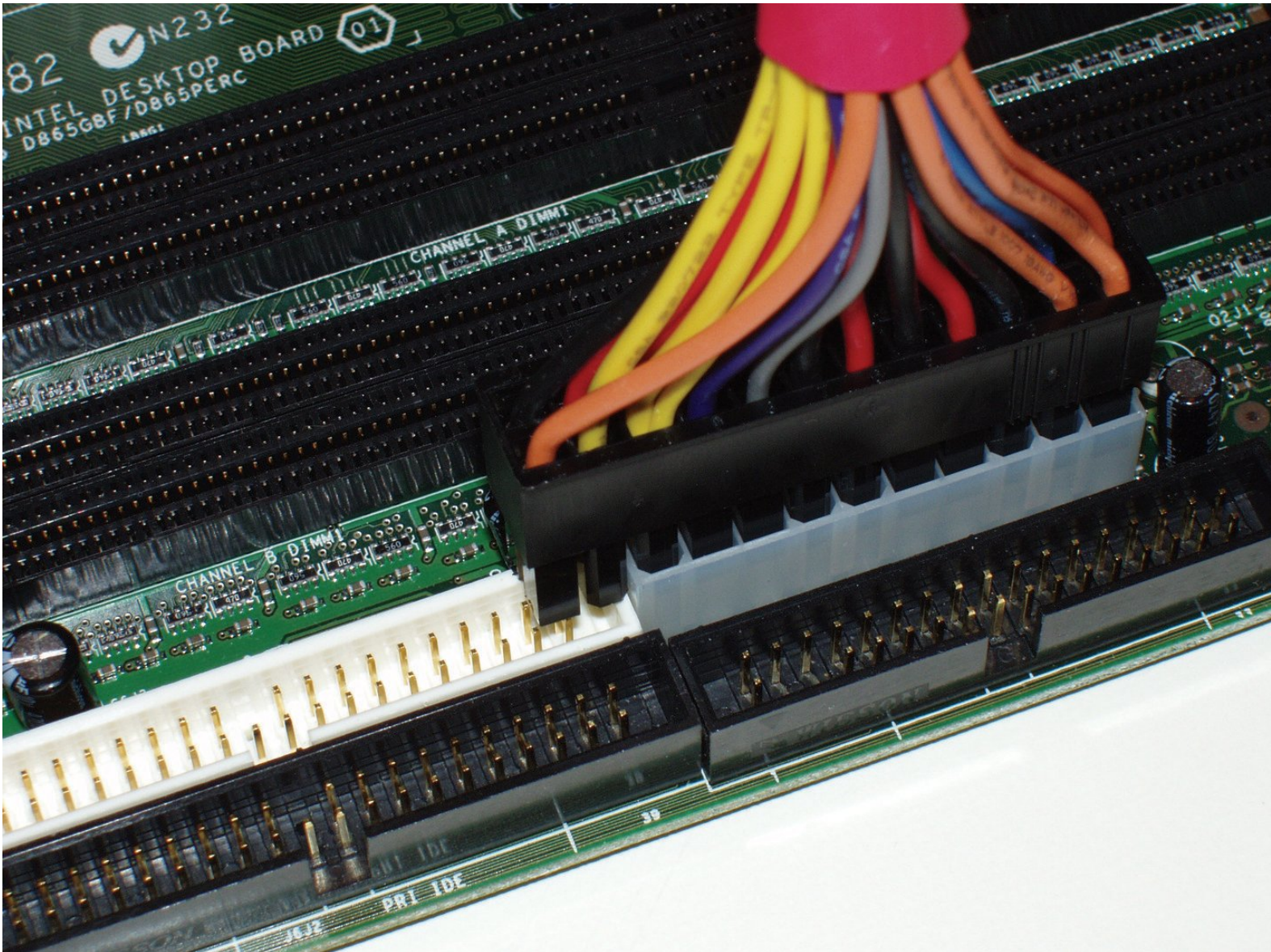




Power Supply

Written By: nst



INTRODUCTION

Source: Dismantling Guide for IT Equipment, which was elaborated within the SRI project and financially supported by SECO and UNIDO, June 2015



World Resources Forum (WRF)

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Health and Safety

Dismantling a power supply doesn't include any harmful steps. Nonetheless workers should wear personal protection equipment like gloves, goggles, apron and robust shoes.

TOOLS:

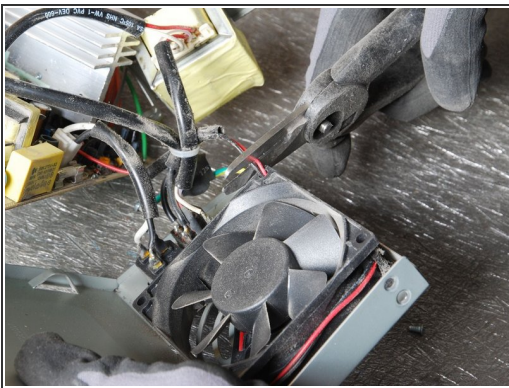
- [Several screwdrivers \(T1\)](#) (1)
 - [Side cutter \(T4\)](#) (1)
 - [Pliers \(T5\)](#) (1)
 - [Power Screw Driver \(T8\)](#) (1)
 - [Industrial scale \(T9\)](#) (1)
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Step 1 — Power Supply



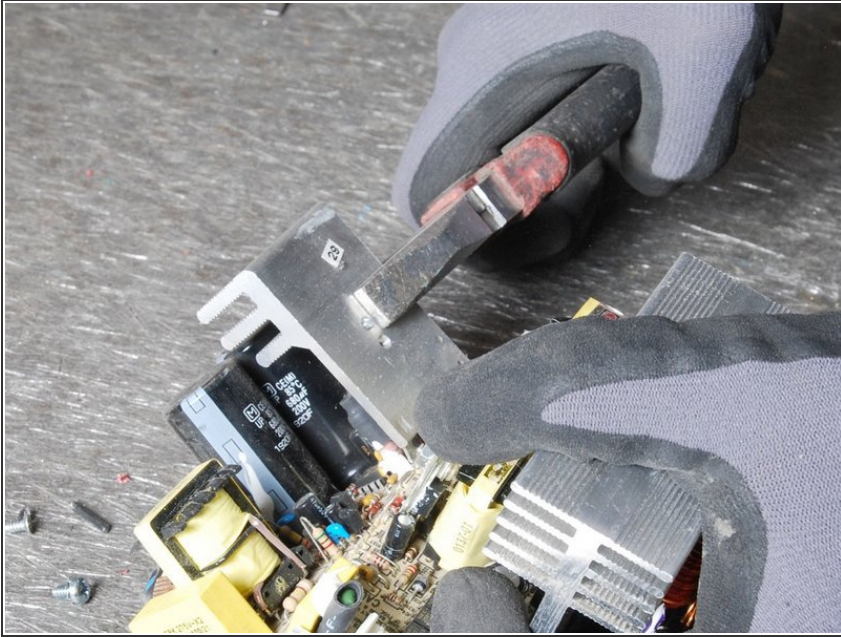
- Remove the steel casing, clean it and put it aside.

Step 2



- Remove all components like cooling fan, PWB, capacitors, copper coils by cutting off cables and wires and place them aside.

Step 3



- The PWB contains relatively large aluminium boards acting as heat sinks. Remove them and place them aside.
- ⚠ Take care that aluminium is properly cleaned. Aluminium recyclers refuse impure parts.

Step 4



- Separate the remaining materials according to their type and go on with the appropriate data sheet (e.g. aluminium, ferrous metals, cables, plastic, further PWBs, capacitors etc.).