

# Product Disassembly Instructions

**Product Category:**

Panel PC

**Product Marketing Name / Model:**

SPC-515

**Purpose:** The document provides the basic instructions for the disassembly of products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC and 2012/19/EU, Waste Electrical and Electronic Equipment (WEEE).

## 1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.

Item Description	Notes	BOM Detail	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 sq. cm Mother board, Card Reader board, USB Daughter board, LID Daughter board	98935272400 (I3 M/B) 9893PW0802E (Power Board) 9693PH2302E (PH-23 USB HUB BOARD) 9680017378 (ELO Controller)	4
Batteries	All types including standard alkaline and lithium coin or button style batteries 6cell battery or 9 cell battery, and RTC battery	1760000897-11 (BATTERY 3V/200 mAh W/CABLE BR2032 W/C)	1
External electrical cables and Power cord		N/A	0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	96LEDK-C150XG30NG1	1
Cathode Ray Tubes (CRT)		N/A	0
Gas Discharge Lamps		N/A	0

Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		N/A	0
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Item Description	Notes	Quantity of items included in product
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	0
Capacitors / condensers (Containing PCB)		0
Plastics containing Brominated Flame Retardants weighing > 25 grams	(Not including PCBs or PCAs already listed as a separate item above)	0
Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner	Include the cartridges, print heads, tubes, vent chambers, and service stations.	0
Asbestos waste and components which contain asbestos		0
Components containing refractory ceramic fibers		0
Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons(HFC), hydrocarbons (HC)		0
Components, parts and materials containing radioactive substances		0

## 2.0 Disassembly Tool

List the tools that would typically be used to disassemble the product to a point where components and materials can be removed.

Disassembly Tool	Picture
Screwdriver	
Lever	
Star Screwdriver	
Hexagon Driver	
Slanted pliers	
Pliers	
Hammer	
Knife	
Socket	
Others	

### **3.0 Product Disassembly Process**

3.1 List the basic steps that should typically be followed to remove components and materials.

1. Disassembly 18 pcs screw to remove the rear cover.
2. Disassembly 6 pcs screw to remove the heatsink.
3. Disassembly 2 pcs screw to remove the SSD bracket from middle module bracket.
4. Disassembly 4 pcs screw to separate the SSD and SSD bracket.
5. Disassembly 1 pcs screw to remove the LED board.
6. Disassembly DDR module from DDR socket.
7. Disassembly 4 pcs screw to remove the controller board.
8. Disassembly 4 pcs screw to remove the M/B.
9. Disassembly 2 pcs screw to remove the USB HUB board.
10. Disassembly 4 pcs screw to remove the Power board.
11. Disassembly 6 pcs screw to remove the module bracket.
12. Disassembly screw 4pcs to remove the LCM.
13. Remove the waterproof from rear cover.

3.2 Exploded view drawing. Insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).

