專業主題

Electronic devices Debugging/Maintenance

- Installing/Debugging SW & HW
- Debugging network
- Regular maintenance
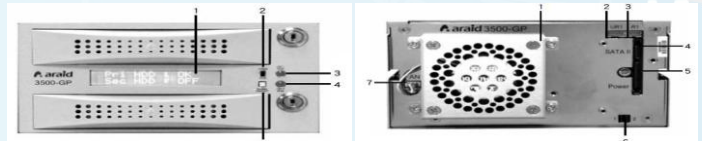- The maintenance of POS system

Fig.1 mirror box

內容摘要

The computer section belongs to the department of information mainly works for NYPC, NYPI, and NYPCB. The main of job responsibilities is setting up Notes, Outlook, Printer and OS, fixing PC, Laptop, Monitor, Mouse, Keyboard, Printer, POS server, Workstation, Invoices machine, and Thermal sensors. In addition, we maintain hub, switch, FOT, twisted pair, and PC once a month.

Fig.2 Invoices machine

Fig.3 Thermal sensors

Fig.4 Workstation

Fig.5 POS Server

實習成果

I learned how to test RJ45 and twisted pair. Besides, I search wire route to mark. These tools are Cable Analyzer and RJ45 Crimping Pliers. (Fig.6)

Fig. 6 Tools

There are two keyboards. One is the membrane keyboard, and the other is the mechanical keyboard. The membrane keyboard cannot be repaired, but the mechanical keyboard can. (Fig.7)
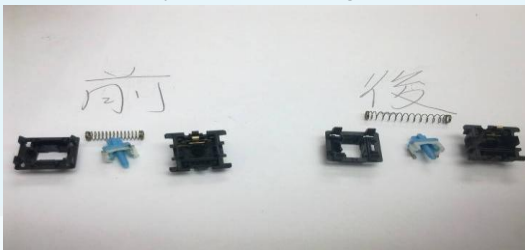

Fig.7 mechanical keyboard

Employees own important data in HDD, but data will not be saved forever. The reason is HDD might fail in the future. Therefore, we analyze HDD by two methods. One is transfer rate, and the other is track. (Fig.8、Fig.9)
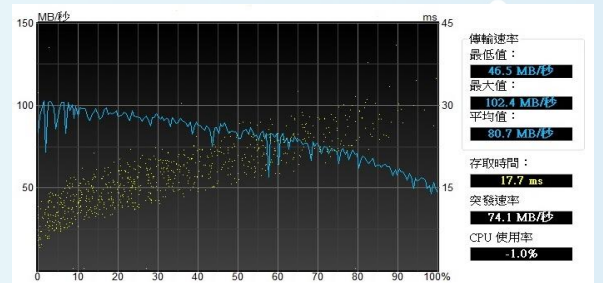

Fig.8 HDD transfer rate

Fig.9 HDD track

電子工程

南亞塑膠工業股份有限公司
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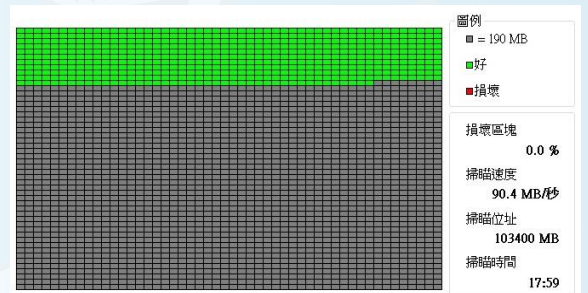
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實習期間：102.09.18-103.09.17
指導主管：張寶國 課長