

ML-2851ND

Print Job Latency



Introduction

The term “Print Job Latency” refers to the duration of time a printer retains a print job in memory. This duration of time is normally not an issue for people using printers. However, in situations where the security of information is high and the consequences for revealing information are dire, the print job latency becomes a significant issue.

With the sophistication of printers increasing daily and the number of storage options available, there are several ways a printer can retain print job information.

The ways printers retain print job information can include the following:

- Volatile Memory
- Non-Volatile Memory
- Internal Hard Drive
- USB Flash Drive.

Overview

The Samsung model ML-2851ND printer uses the following memory systems:

- SDRAM
- EEPROM
- Flash/ROM.

SDRAM

The ML-2851ND uses the SDRAM memory as the printer operating system memory and temporary print job buffer. This 32 MB of volatile memory temporarily stores the ML-2851ND print job data. The ML-2851ND clears the print job data from the SDRAM when it completes the print job or when the user turns off the power.

EEPROM

The ML-2851ND uses the EEPROM memory for storing printer configuration and operational parameters such as PnPID, model name, USB serial number, and IP address.. This 4 KB of non-volatile memory does not store any print job data.

About Samsung Electronics America, Information Technology Division

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Flash / ROM

The ML-2851ND uses the Flash/ROM memory to store the printer firmware code. This 8 MB of non-volatile memory does not store any print job data.



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