



Statement of Volatility

Xerox 4112 Copier/Printer

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This document describes the locations, capacities and contents of volatile and non-volatile memory devices within the Xerox 4112 Copier/Printer.

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This evaluation and summary was certified by:

Signature	
Printed Name	Larry Kovnat
Job Title	Product Security Manager
Job Function	Product Security Manager
Preparation Date	

Statement of Volatility

Xerox 4112 Copier/Printer

Introduction

The Xerox 4112 Copier/Printer is used to perform the following tasks:

- High Speed Production Printing

The Xerox 4112 Copier/Printer consists of:

- Print Engine

- Print Station Interface Platform

- Feeder Modules

- Finishing Modules

These modules provide the basic configuration. Depending on what is purchased, the number and types of feeders and finishers can change.

This document describes the amounts and types of memory contained in the device in an easy to read tabular format. To allow security issues to be addressed as needed, specific commentary has been included about job data and where Personally Identifiable Information (PII) can be found in the system.

The information contained in this document has been verified at the time the product is released for sale. Manufacturing process changes may require that memory amounts are increased but, the purpose or contents of the memory should not change.

General Memory Information

Volatile Memory

All volatile memory listed is cleared after power is removed (decay occurs generally within 20 seconds at room temperature).

All volatile memory listed is required for normal system operation and during service and diagnostic procedures.

Removal of any volatile memory will void the warranty.

Non-Volatile Memory

All non-volatile memory listed is required for normal system operation and during service and diagnostic procedures.

Removal of any non-volatile memory will void the warranty.

None of the non-volatile memory in the system can be accessed by accidental keystrokes.

Print Station Interface Platform (PSIP) Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox 4112 Copier/Printer.

The Print Station Interface Platform is a PC-type motherboard. It is equipped with a BIOS, main RAM and Video memory.

Volatile Memory Description				
Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
SDRAM	2GB	N	Executable code	Power Off System
SDRAM	128MB	N	Video Memory	Power Off System

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
EEPROM	4MB	N	System BIOS	Diagnostic

Print Engine (Marking Module) Descriptions

The data tables below detail the information regarding the volatile and non-volatile memory contained in the Xerox 4112 Copier/Printer print engine.

The Print Engine is powered by a custom motherboard. Each is equipped with a BIOS, main RAM and Non-Volatile memory, as described below. The remaining modules in the engine are run with integrated microcontrollers.

Volatile Memory Description				
Type (SRAM, DRAM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
SDRAM	256MB	N	Executable code, Printer control data [MIOP]	Power Off System
SDRAM	256MB	N	Executable code, Printer control data [X2C]	Power Off System
SDRAM	256MB	N	Executable code, Printer control data [MIB]	Power Off System
SDRAM	128MB	N	Executable code, Printer control data [CRM]	Power Off System
SDRAM	128MB	N	Executable code, Printer control data [RIM]	Power Off System
Additional Information: All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.				

Non-Volatile Memory Description				
Type (Flash, EEPROM, etc)	Size	User Modifiable (Y/N)	Function or Use	Process to Clear:
EEPROM	1MB	via Diagnostics	Control set points, configuration settings [MIOP]	Diagnostic
Flash	8MB	via Diagnostics	Firmware [MIOP]	Diagnostic
Flash	8MB	via Diagnostics	Firmware [X2C]	Diagnostic
EEPROM	1MB	via Diagnostics	Control setpoints, configuration settings [MIB]	Diagnostic
Flash	8MB	via Diagnostics	Firmware [MIB]	Diagnostics
Additional Information: All memory listed above contains code for execution and configuration information. No user or job data is stored in these locations.				

Hard Drive Information

The data table below details the hard disk information for the Xerox 4112 Copier/Printer Print Station Interface Platform.

Hard Disk Description					
Complete this table if the device has media storage capability					
Drive / Partition (System, Image):	Removable Y / N	Size:	User Modifiable: Y / N	Function:	Process to Clear:
System	No*	>160GB	N with normal operation	Operating System, Fonts, configuration file storage	Diagnostic Procedure
Additional Information: This disk contains the Solaris Operating System and stores executables, fonts, and settings files. During normal operation, job files do not remain stored on this disk.					

* Can be removed when Removable Drive Option is purchased.

Feeder Module Descriptions

NOTE: None of these devices store any job data in electronic form.

Finisher Module Descriptions

The text below details the information regarding the volatile and non-volatile memory contained in the Xerox 4112 Copier/Printer supported finishers. This document lists the available options. Depending on the configuration purchased, your system will contain one or more of these devices. **NOTE: None of these devices store any job data in electronic form.**