



Manufacturer: National Instruments

**Volatile Memory**

<u>Type</u>	<u>Size</u>	<u>User Accessible/Definable</u>	<u>Purpose</u>	<u>Method of Clearing</u>
(9641) DRAM	64 MB	Yes/Yes	RAM	Power Down
FPGA	XC3S1000	Yes/Yes	FPGA	Power Down
(9642/9642XT) DRAM	128 MB	Yes/Yes	RAM	Power Down
FPGA	XC3S2000	Yes/Yes	FPGA	Power Down

**Non-Volatile Memory**

<u>Type</u>	<u>Size</u>	<u>User Accessible/Definable</u>	<u>Purpose</u>	<u>Method of Clearing</u>
Watchdog RTC (9641)		No/No	Real-Time Clock	NA
SSD (9642/9642XT)	128 MB	Yes/Yes	Primary Storage	Reformatting the drive
SSD	256 MB	Yes/Yes	Primary Storage	Reformatting the drive
Flash	2M x 8-bit	No/No	Firmware BSP	In system
Flash		Yes/Yes	Firmware, FPGA Startup	NA, Clear Startup
Flash		No/No	Analog IO CPLD	NA
Flash		No/No	24 V Digital CPLD	NA

**Media Storage**

<u>Type</u>	<u>Size</u>	<u>User Accessible/Definable</u>	<u>Purpose</u>	<u>Method of Clearing</u>
NA	NA	NA	NA	NA