

Letter of Volatility

MX104

The tables below identify all the memory locations, memory types, sizes, and volatility in the MX104 router. The table also identifies if the memory is used to store customer data of any type. If the memory device stores any customer data then the sanitization procedure identifies how to remove the user data.

MX104 Router							
Part Location	Volatile	Non-Volatile	Contains Customer Data	Removable Memory	Size (bytes)	Type of Memory	Sanitization Procedure
Base Board							
U108	Yes	-	No	No	128M	LU DDR	NA
U116	Yes	-	No	No	128M	LU DDR	NA
U64	Yes	-	No	No	72M	LU RLDRAM	NA
U65	Yes	-	No	No	72M	LU RLDRAM	NA
U87	Yes	-	No	No	72M	LU RLDRAM	NA
U105	Yes	-	No	No	72M	LU RLDRAM	NA
U60	Yes	-	No	No	72M	MQ RLDRAM	NA
U27	Yes	-	No	No	128M	MQ DDR	NA
U43	Yes	-	No	No	128M	MQ DDR	NA
U59	Yes	-	No	No	128M	MQ DDR	NA
U63	Yes	-	No	No	128M	MQ DDR	NA
U128	Yes	-	No	No	128M	MQ DDR	NA
U132	Yes	-	No	No	128M	MQ DDR	NA
U139	Yes	-	No	No	128M	MQ DDR	NA
U140	Yes	-	No	No	128M	MQ DDR	NA
U48	Yes	-	No	No	72M	QX RLDRAM	NA
U20	Yes	-	No	No	4.5M	QX QDR SRAM	NA

U24	Yes	-	No	No	4.5M	QX QDR SRAM	NA
U106	-	Yes	No	No	NA	SysCPLD	NA
U55	-	Yes	No	No	256	IDEEPROM	NA
U62	-	Yes	No	No	NA	R5H30211	NA
U15	-	Yes	No	No	1K	PCIe Switch EEPROM	NA
PMB							
U6	Yes	-	No	No	256M	P2020 DDR	NA
U58	Yes	-	No	No	256M	P2020 DDR	NA
U2	Yes	-	No	No	256M	P2020 DDR	NA
U56	Yes	-	No	No	256M	P2020 DDR	NA
U4	Yes	-	No	No	256M	P2020 DDR	NA
U55	Yes	-	No	No	256M	P2020 DDR	NA
U5	Yes	-	No	No	256M	P2020 DDR	NA
U57	Yes	-	No	No	256M	P2020 DDR	NA
U3	Yes	-	No	No	256M	P2020 DDR	NA
U19	-	Yes	No	No	4M	uKernal Boot Flash	NA
U61	-	Yes	No	No	512K	P2020 SRAM	NA
U9	-	Yes	No	No	NA	BootCPLD	NA
U10	-	Yes	No	No	256	IDEEPROM	NA
U26	-	Yes	No	No	256	IDEEPROM	NA
U31	Yes	-	No	No	128M	FPGA DDR	NA
Fan Tray							
U2	-	Yes	No	No	256	IDEEPROM	NA
Routing Engine							
U14	-	Yes	No	No	256	IDEEPROM	NA
U54		Yes	No	No	256	RCW PROM	NA
U63	-	Yes	No	No	NA	BootCPLD	NA
U56	-	Yes	No	No	8M	NOR ROM FLASH	NA
J12	Yes	-	Yes	Yes	4GB	DDR3 VLP MINI DIMM	Power down the system or remove the DIMM shown in the figure.
J2	-	Yes	Yes	Yes	8GB	USB Storage	Remove the USB flash module

						Flash module	shown in the figure.
J7	-	Yes	Yes	Yes	NA	External Flash storage Module USB	Remove the external USB Flash memory
J8	-	Yes	Yes	Yes	NA	External Flash storage Module USB	Remove the external USB Flash memory

