

Memory Configuration

Due to chipset limitation, read the following guidelines before installing the memory in Single, Dual or 3 Channels.

Single Channel Memory Configurations Table

	DIMM2	DIMM1	DIMM4	DIMM3	DIMM6	DIMM5
One Modules	-	DS/SS	-	-	-	-
One Modules	-	-	-	DS/SS	-	-
One Modules	-	-	-	-	-	DS/SS

(SS=Single-Sided, DS=Double-Sided, "-"=No Memory)

***Note:** System will not be able to boot when if one module install at DIMM2, DIMM4 or DIMM6

Dual Channel Memory Configurations Table

	DIMM2	DIMM1	DIMM4	DIMM3	DIMM6	DIMM5
Two Modules	-	DS/SS	-	DS/SS	-	-
Two Modules	-	-	-	DS/SS	-	DS/SS
Three Modules	DS/SS	DS/SS	-	DS/SS	-	-
Three Modules	DS/SS	-	-	DS/SS	-	DS/SS
Four Modules	DS/SS	DS/SS	DS/SS	DS/SS	-	-

(SS=Single-Sided, DS=Double-Sided, "-"=No Memory)

***Note1:** System will not be able to boot when if two modules install at DIMM2 and DIMM4.

***Note2:** (Three modules of same capacity and chips) when 3rd module installed at DIMM2 ; memory is able to operate in dual Flex Memory Mode and works on **1N mode**. System is working on **3 modules size and Dual channel**.

Triple Channel Memory Configurations Table

	DIMM2	DIMM1	DIMM4	DIMM3	DIMM6	DIMM5
Three Modules	-	DS/SS	-	DS/SS	-	DS/SS
Four Modules	DS/SS	DS/SS	-	DS/SS	-	DS/SS
Four Modules	-	DS/SS	- DS/SS	DS/SS	-	DS/SS
Four Modules	-	DS/SS	-	DS/SS	DS/SS -	DS/SS
Six Modules	DS/SS	DS/SS	DS/SS	DS/SS	DS/SS	DS/SS

(SS=Single-Sided, DS=Double-Sided, "-"=No Memory)

***Note1:** System will not be able to boot when if 3 modules install at DIMM2, DIMM4 or DIMM6

***Note2:** For memory modules of same capacity and chips are installed; memory is able to operate in triple Flex Memory Mode and works on **1N mode**. System is working on **4 modules size and triple channel**.

***Note3:** For memory modules of different capacity and chips are installed, memory is able to operate in triple Flex Memory Mode and works on **2N mode**. System is working on **4 modules size and triple channel**.