


XPression System Memory Upgrade for M4, M5, M6, and M7




XPression systems can be upgraded to increase the system memory as follows:

- From 8 GB RAM to 16 GB RAM on the ASUS P9X79 WS motherboard using four 2 GB BLS4KIT2G3D1609DS1S00 Crucial (Micron) memory modules on the XPression M4 systems.
- From 8 GB RAM to 16 GB RAM on the ASUS X99-E WS USB 3.1 motherboard using two 4 GB DDR4 PC4-17000 unbuffered memory modules on XPression M5 and M6 systems.
- From 16 GB RAM to 32 GB RAM on the ASUS WS-X299 SAGE motherboard using two Ballistix 8 GB DDR4 NON-ECC 2666MT/S 1.2 V memory modules on XPression M7 2RU and 4RU systems.

★ Shut down and unplug the XPression system before removing the top panel and installing the new memory modules.

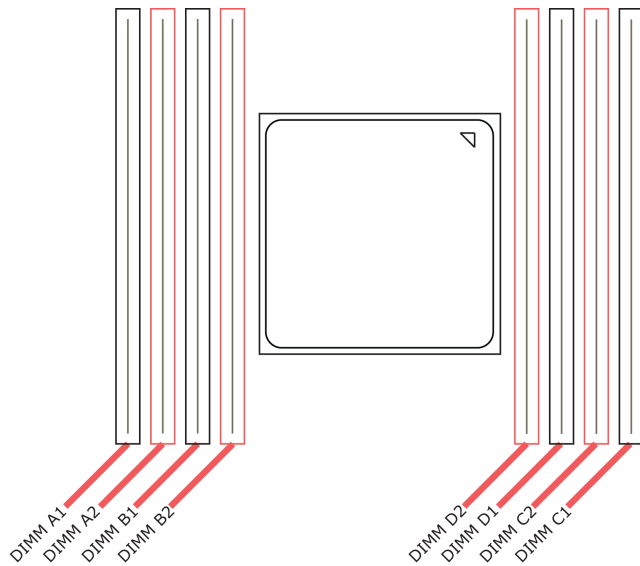
 **Protective Earth** — *Static discharge can cause serious damage to sensitive devices. Avoid handling the XPression system in high static environments such as carpeted areas and when synthetic fiber clothing is worn. Touch the chassis to dissipate static charge before removing hard drives from the system, and exercise proper grounding precautions when working around the XPression system.*

This document contains the following sections:

- [Upgrading the M4](#) 
- [Upgrading the M5 and M6](#) 
- [Upgrading the M7](#) 

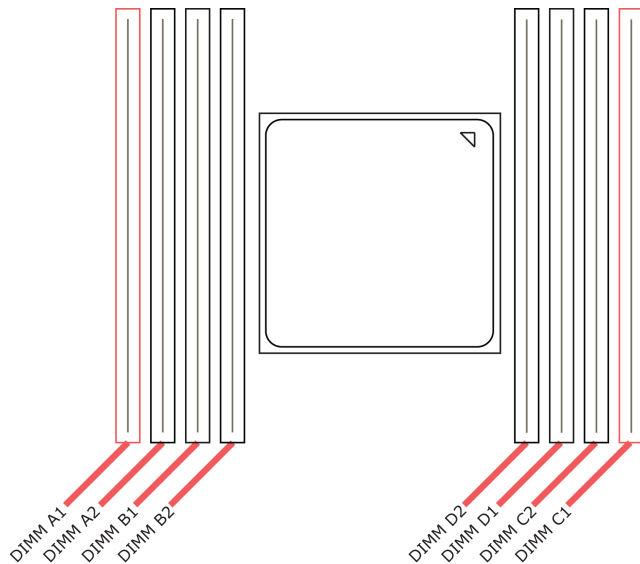
Upgrading the M4

Insert the BLS4KIT2G3D1609DS1S00 Crucial (Micron) memory modules into the DIMM B2, DIMM A2, DIMM C2, and DIMM D2 slots to upgrade the system memory from 8 GB to 16 GB. Ensure each memory module is securely fastened in its respective slot.



Upgrading the M5 and M6

Insert the 4 GB DDR4 PC4-17000 unbuffered memory modules into the DIMM A1 and DIMM C1 slots to upgrade the system memory from 8 GB to 16 GB. Ensure each memory module is securely fastened in its respective slot.



Upgrading the M7

Insert the Ballistix 8 GB DDR4 NON-ECC 2666MT/S 1.2 V cards into DIMM B1 and DIMM D1 to upgrade the system memory from 16 GB to 32 GB. Ensure each memory module is securely fastened in its respective slot.

