

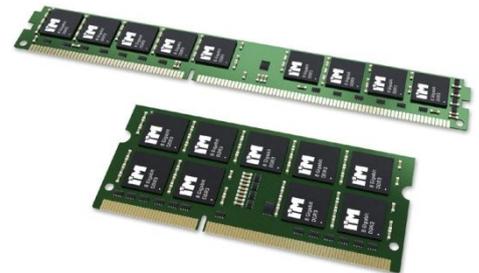
Compatibility List for 16GB unbuffered DIMMs and SO-DIMMs

10/2019

Intelligent Memory is the first manufacturer delivering DDR3 unbuffered DIMMs (UDIMMs) and SO-DIMMs with a capacity of 16 Gigabyte. These memory modules base on 8Gb DRAM-ICs which are supported by the majority of processors and controllers on the market.

However, some systems need an update of the BIOS to be able to identify and initialize the memory correctly.

Please verify the compatibility with your motherboard, PC or laptop manufacturer.



Generally supported processors:

- 16GB SO-DIMMs (IMM2G64D3LSOD8AG-C125) are compatible to any notebook/ultrabook based on the 5th (Broadwell), 6th (Skylake), 7th (Kaby Lake, Skylake (X), Apollo Lake), 8th (Coffee Lake, Kaby Lake Refresh, Whiskey Lake) or later generation.!
- all AMD processors that generally accept DDR3 memory including, except for G-Series
- Intel 'Avoton' and 'Rangeley' Atom C2750, C2758, C2550, C2558, C2738, C2538 or later processors
- Intel processors running on X79 chipset (requires a special BIOS update which is currently only available for ASUS branded X79 boards)
- all Tiler processors that generally accept DDR3 memory
- all Freescale processors that generally accept DDR3 memory
- all Cavium processors that generally accept DDR3 memory

Module/MCU Combinations

IMM2G64D3LDUD8AG-C125 (16GB DDR3 UDIMM, 2Gx64, NON-ECC)

- Fits into any boards based on Intel Baytrail-I E3800 series, Braswell series or later

IMM2G64D3LSOD8AG-C125 (16GB DDR3 SO-DIMM, 2Gx64, NON-ECC)

- Fits into any notebook/ultrabook based on the 5th Gen Intel Broadwell processors with CPU codes i3/i5/i7-5xxxU
- Fits into any boards based on Intel Baytrail-I E3800 series, Braswell series or later

IMM2G72D3LSOD8AG-C125 (16GB DDR3L SO-DIMM with ECC, 2Gx72)

- Fits into any boards based on Intel Baytrail-I E3800 series, Braswell series or later
- (for instance Supermicro A1SAi-2750F/2550F, A1SRi-2758F/-2558F and HP Moonshot Cartridges m700 (based on AMD X2150), m300 (based on Avoton C2000

IMM2G72D3LDUD8AG-C125 (16GB DDR3 UDIMM with ECC, 2Gx72) and **IMM2G72D3LDVD8AG-C125** (16GB DDR3 UDIMM Very Low Profile (VLP) with ECC, 2Gx72)

- Fits into any boards based on Intel Baytrail-I E3800 series, Braswell series or later

Please note:

Older notebooks and desktop-computers based on Intel processors prior 5th Generation will not support 16GB UDIMM/SO-DIMM memory modules. This issue may be solvable by a BIOS/UEFI update with a memory reference code.

Please contact the support-hotline of your system-manufacturer to ask if there is a plan to release a software-update for supporting 16GB memory modules.