

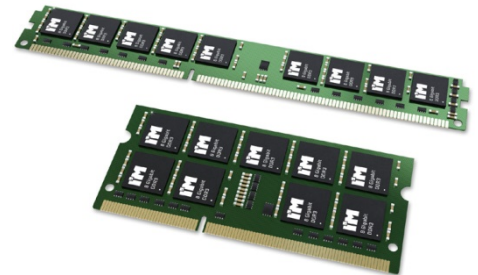
Compatibility List for 16GB unbuffered DIMMs and SO-DIMMs

08/2015

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 new memory correctly.

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



Generally supported processors:

- **NEW: 16GB SO-DIMMs (IMM2G64D3LSOD8AG-B15E) are compatible to any notebook/ultrabook based on the new 5th Gen Intel Broadwell processors with CPU codes i3/i5/i7-5xxxU!**
- all AMD processors that generally accept DDR3 memory including, except for G-Series
- Intel 'Avoton' and 'Rangeley' Atom C2750, C2758, C2550, C2558, C2738, C2538 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

Motherboards & systems supporting the memory:

- Supermicro A1SAi-2750F, A1SAi, 2550F, A1SRi-2550F, A1SRi-2758F, A1SRi-2558F, A1SAM-2750F, A1SAM-2550F, A1SRM-2758F, A1SRM-2558F, A1SA7-2750F, A1SA2-2750F
- ASRock C2750D4I, C2550D4I, 970 Extreme3 R2.0, Fatal1ty 990FX Killer, 990FX Extreme6, 970 Extreme4, 960GM/U3S3 FX
- ASUS X79 Deluxe, Rampage IV Black Edition, P9X79 Deluxe, P9X79 Pro, P9X79 LE, P9X79, Sabertooth X79, P9A-I/C2550/4L, P9A-I/C2550/SAS/4L

ECC and Non ECC modules both types are supported by all Intel E5 CPU's:
E5-1620/2603/2609/2620/2630/2630L/2637/2640/2643/2650/2650L/2660/2667/2670/
2680/2687W/2690/2695/2697

Non ECC modules are supported by all Intel i7 CPU's:
i7-3820/3930K/3960X/3970X/4820K/4930K/4960X

- GIGABYTE GA-9SISL, A201-TR
- HP Moonshot m700 Cartridge
- MSI x79A-Series Boards and AMD FM2/FM2+ platforms with A88X, A85, A78, A75, A68H, A58, A55 chipsets

Please note:

Most notebooks and desktop-computers based on normal Intel processors will not support 16GB UDIMM/SO-DIMM memory modules. This issue may be solvable by a BIOS/UEFI update with a new 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.

Module/Motherboard Combinations

IMM2G64D3LDUD8AG-B15E (16GB DDR3 UDIMM, 2Gx64, NON-ECC)

Fits into:

- ASRock C2750D4I, C2550D4I (current BIOS required), 970 Extreme3 R2.0, Fatal1ty 990FX Killer, 990FX Extreme6, 970 Extreme4, 960GM/U3S3 FX
- MSI X79A-GD45-Plus, X79A-GD45-8D, X79A-GD45, X79A-GD65-8D, X79A-GD65, Big-Bang-XPowEr-II and compliance with AMD FM/FM2+ sockets & Chipsets A88X, A85, A78, A75, A68H, A58, A55: A75MA-E35, A55M-P33, A55M-E33, A55M-E35, A55M-P31, A58M-E33, A58M-E35, A78M-E35, A68HM-P33, A68HM GRENADE, A68HM-P33 V2, A68HM-E33, A68HM-P33, A68HI AC, A68HI, A75IA-E53, A85XA-G65, A88X-G43, A88X-G41 PC Mate, A88X-G45 GAMING, A88XM GAMING, A88XM-E35 V2, A88XM-E35, A88XM-P33 V2, A88XM-P33, A88XI AC, A78I AC, A78M-E35 V2
- any boards based on Intel Baytrail-I E3800 series processors with sockets for Non-ECC UDIMMs

IMM2G64D3LSOD8AG-B15E (16GB DDR3 SO-DIMM, 2Gx64, NON-ECC)

Fits into:

- any notebook/ultrabook based on the new 5th Gen Intel Broadwell processors with CPU codes i3/i5/i7-5xxxU**
- any boards based on Intel Baytrail-I E3800 series processors with sockets for Non-ECC SO-DIMMs

IMM2G72D3LSOD8AG-B15E (16GB DDR3L SO-DIMM with ECC, 2Gx72)

Fits into:

- Supermicro A1SAi-2750F, A1SAi-2550F, A1SRi-2758F, A1SRi-2558F
- HP Moonshot Cartridges m700 (based on AMD X2150), m300 (based on Avoton C2000)
- any boards based on Intel Baytrail-I E3800 series processors with sockets for ECC SO-DIMMs

IMM2G72D3LDUD8AG-B15E (16GB DDR3 UDIMM with ECC, 2Gx72)

Fits into:

- Supermicro A1SAM-2750F, A1SAM-2550F, A1SRM-2758F, A1SRM-2558F, A1SA7-2750F
- ASRock C2750D4I, C2550D4I (current BIOS required)
- ASUS P9A-I/C2550/4L, P9A-I/C2550/SAS/4L, P9A-I/C2750/SAS/4L
- ASUS X79 Deluxe (min. BIOS version 0901)
- ASUS Rampage IV Black Edition (min. BIOS version 0801)
- ASUS P9X79 Deluxe, P9X79 Pro, P9X79 LE, P9X79 and Sabertooth X79 (min BIOS version 4801)
- any boards based on Intel Baytrail-I E3800 series processors with sockets for ECC UDIMMs
- GIGABYTE GA-9SISL

IMM2G72D3LDVD8AG-B15E (16GB DDR3 UDIMM Very Low Profile (VLP) with ECC, 2Gx72)

Fits into:

- Supermicro A1SA2-2750F, A1SAM-2750F, A1SAM-2550F, A1SRM-2758F, A1SRM-2558F, A1SA7-2750F
- ASRock C2750D4I, C2550D4I (current BIOS required)
- ASUS P9A-I/C2550/4L, P9A-I/C2550/SAS/4L, P9A-I/C2750/SAS/4L
- ASUS X79 Deluxe (min. BIOS version 0901)
- ASUS Rampage IV Black Edition (min. BIOS version 0801)
- ASUS P9X79 Deluxe, P9X79 Pro, P9X79 LE, P9X79, Sabertooth X79 (min BIOS version 4801)