INTELLIGENT MEMORY

UNLIMITED INGENUITY

DRAM
MODULES

4GB SODIM D2-800
IMM512M64D2SOD8AG-B25
Lot No.:220922   DC:2238

512MB UDIMM SDRAM 133
IMM64M72SDDUD8AG-B75
Lot No.:220922   DC:2238

16GB RDIM D3-1333
IMM2G72D3RVQ8AG-F15E
Lot No.:220922   DC:2238

32GB ECC USO-DIMM DDR5 5600
IMS4G72D5SOD8AG-B56B
Lot No: 220922   DC: 2238

512MB USO-DIMM DDR 400
IMM64M64D1SOD16AG-D5
Lot No.:220922   DC:2238

16GB RDIMM DDR4 2666
IMM2G72D4RVD8AG-B075
Lot No.:220922   DC:2238

DURABILITY   RELIABILITY   LONGEVITY
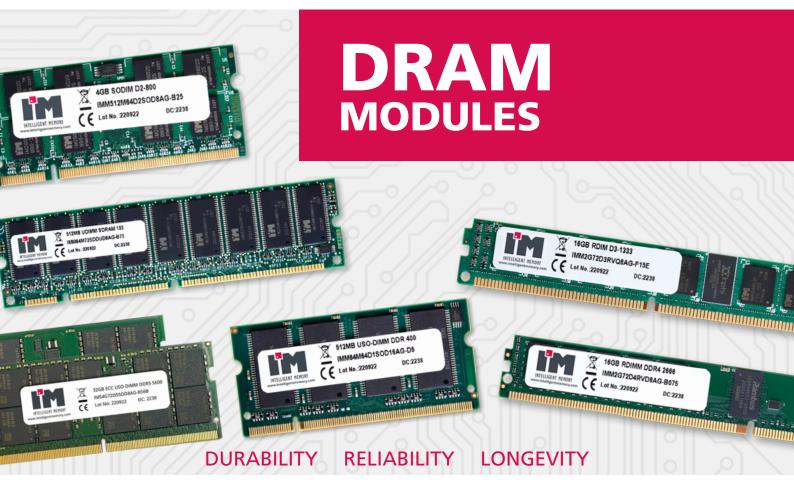
IM introduced the first DDR3 16GB memory module with varying form factors, and additionally now offers several rare densities, configurations, features and package types over a number of different DRAM product categories. Our DRAM modules are designed with our robust DRAM components to meet the most excruciating requirements for industrial and embedded applications.

Working at just about any temperature and speed that you can imagine, Intelligent Memory's DRAM modules are highly reliable with built-in error correction (ECC) features. From standard to specialized, our low-volume, high-mix solutions are optimized to offer an assortment of products with high sustained performance, stability, and endurance.

- Providing memory solutions for industrial and embedded applications for over 30 years

- From standard to special, legacy to mainstream

- Long product lifetimes with continued support

- In-house product designs and testing capabilities

- Customizable configurations and feature-rich products across a range of solutions

- ECC and register feature enabled products

- Reliable product change management processes

For more information or to request samples, please visit us at **www.intelligentmemory.com**

You may also contact our sales team directly at **sales@intelligentmemory.com**

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DRAM PRODUCT FAMILY

DDR5
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, Non-ECC SODIMM, ECC SODIMM and RDIMM
- Higher bandwidth performance up to PC5-44800
- Capacity: 8GB to 64GB
- JEDEC Standard 1.1V
- Environmental compliance, longevity and assembly service available
- Fully tested in application environment for stability and performance

DDR4
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM, ECC SODIMM, RDIMM, mini-RDIMM and ECC mini-UDIMM
- Higher bandwidth performance (up to PC4-25600)
- Capacity: 2GB to 64GB
- PCB Height: Standard, Very Low Profile, Ultra Low Profile
- JEDEC Standard 1.2V
- Operating Temperature: Commercial and Industrial Grade

DDR3
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM, ECC SODIMM, LRDIMM, RDIMM, mini-RDIMM and ECC mini-UDIMM
- Higher bandwidth performance (up to PC3-14900)
- Capacity: 1GB to 32GB
- PCB Height: Standard, Very Low Profile, Ultra Low Profile
- JEDEC Standard 1.35V & 1.5V

DDR2
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM, ECC SODIMM, RDIMM and Mini-RDIMM
- Higher bandwidth performance (up to PC2-6400)
- Capacity: 512MB to 8GB
- PCB Height: Standard, Very Low Profile
- JEDEC Standard 1.8V

DDR
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, Non-ECC SODIMM, ECC SODIMM and RDIMM
- Higher bandwidth performance (up to PC-3200)
- Capacity: 256MB to 2GB
- PCB Height: Standard, Very Low Profile
- JEDEC Standard 2.5V

SDRAM
- Different Form Factors: non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM and ECC SODIMM
- Higher bandwidth performance (up to PC-133)
- Capacity: 128MB to 512MB
- PCB Height: Standard
- JEDEC Standard 3.3V

DRAM Modules	LRDIMM	RDIMM	UDIMM	RSODIMM	SODIMM	MINI-RDIMM	MINI-UDIMM
FPM/EDO (5V/3.3V, max: 50ns)			✔ Max: 256MB		✔ Max: 128MB		
SDRAM (3.3V, max: PC-133)			✔✔ Max: 512MB		✔✔ Max: 512MB		
DDR (2.5V, max: PC-3200)		✔ Max: 1GB	✔✔ Max: 1GB		✔✔ Max: 1GB		
DDR2 (1.8V, max: PC2-6400)		✔ Max: 8GB	✔✔ Max: 4GB		✔✔ Max: 4GB	✔✔ Max: 512MB	
DDR3 (1.5V/1.35V, max: PC3-14900)	✔ Max: 32GB	✔✔ Max: 32GB	✔✔✔ Max: 16GB	✔ Max: 16GB	✔✔✔ Max: 16GB	✔✔ Max: 16GB	✔✔ Max: 16GB
DDR4 (1.2V, max: PC4-25600)		✔✔ Max: 64GB	✔✔✔ Max: 32GB		✔✔✔ Max: 32GB	✔✔ Max: 16GB	✔✔ Max: 32GB
DDR5 (1.1V, max: PC5-44800)		✔ Max: 64GB	✔ Max: 32GB		✔ Max: 32GB		
Features:	✔ **ECC or Non-ECC are optional**						
	✔ **VLP / ULP (Very Low Profile / Ultra Low Profile) are available**						
	✔ **I-Temp is available**						

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