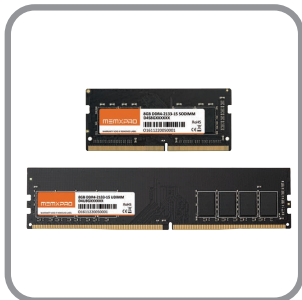


Cutting Edge Industrial-Grade 5G Memory Modules

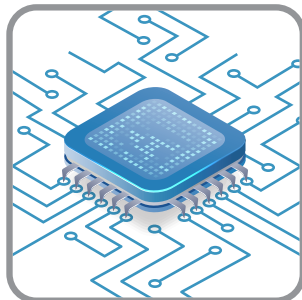
MEMXPRO provides reliable industrial and enterprise grade memory and flash storage solutions with integrated design services to cater for the highly customized needs of industrial OEM customers. Products are used in a variety of applications including industrial IoT, automation and manufacturing, machine vision, environmental control, military and aerospace, network and communications, automotive and transportation, video surveillance, medical & healthcare, gaming, retail and more.



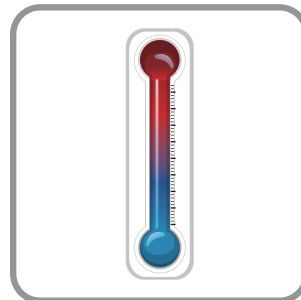
Engineered for Industrial Needs



Variety of DDR generations and form factors to meet all application needs.



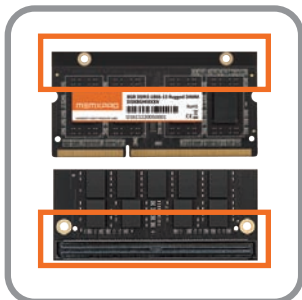
Quality guaranteed original branded ICs.



Wide (-40~85°C) and extended (-25~85°C) temperature solutions available for all product lines.



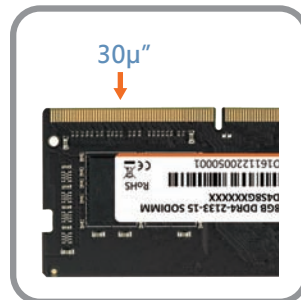
mSMART and thermal sensor detects disk temperatures to improve stability.



Board-to-board connector or mounting holes to better resist shock and vibration.



Conformal coating provides a barrier to moisture, dust, and chemical contaminants from the environment to achieve any required Ingress Protection (IP) levels.



Products designed with industrial-grade materials and 30µm gold finger thickness for better quality high-speed signals.



MEMXPRO's DRAM modules are also qualified and by well-known Taiwan embedded PC manufacturers.

Case Studies

Industrial memory solutions - Evolving future 5G and machine vision applications



DDR4 2400

- SODIMM/ 8GB
- ECC SODIMM/ 8GB



Communications in the 5G era

MEMXPRO is ready for 5G with new industrial and enterprise storage products and introduces a new generation of 5G memory and flash module solutions targeted at global 5G companies.

- MEMXPRO industrial wide temperature (-40~85°C) DDR4-2400 SODIMMs integrate into future outdoor 5G router models and are ideal for extreme snow and ice climates.
- Built-in thermal sensor to detect product temperatures and 30μ" gold finger plating for better signal transmission quality.



DDR3 1866

- SODIMM/ 4GB
- UDIMM/ 8GB



DDR4 2666

- SODIMM/8-16GB



Machine Vision & Automation

MEMXPRO DDR3-1866 SO-DIMM and mSATA E231 SSD have been installed in a customer's machine vision platform for many years, and high-speed large capacity DDR4 and M.2 PCIe SSDs have passed all tests for their middle-to-high-end model machines.

- Using original DRAM chipsets, our DDR3/DDR4 DIMM series are qualified by well-known embedded PC manufacturers.
- mSMART device monitoring and mCOVER data recovery helps manufacturing efficiency.

MEMXPRO DRAM Module Standard Product Portfolio

Information: 1. Capacity 2. Data Transfer Rate (MT/s)

Generation	UDIMM	SODIMM	ECC UDIMM	ECC SODIMM	Rugged DIMM
DDR	256MB/512MB/1GB 333/400	256MB/512MB/1GB 333/400			
DDR2	1GB/2GB 667/800	1GB/2GB 667/800			
DDR3/DDR3L	2GB/4GB/8GB 1333/1600/1866	2GB/4GB/8GB 1333/1600/1866	4GB/8GB 1333/1600/1866	4GB/8GB 1333/1600/1866	4GB/8GB 1333/1600/1866
DDR4	4GB/8GB/16GB/32G/ 2133/2400/2666/ 2933/3200	4GB/8GB/16GB/32G/ 2133/2400/2666/ 2933/3200	4GB/8GB/16GB/32G/ 2133/2400/2666/ 2933/3200	4GB/8GB/16GB/32G/ 2133/2400/2666/ 2933/3200	4GB/8GB/16GB/ 2133/2400/2666

Note: MEMXPRO reserves the right to improve the products described in this specification table at any time without notice.

MEMXPRO industrial DRAM module series includes following products.
Should there be any further inquiries, please do not hesitate to contact us.

- UDIMM
- RDIMM
- VLP DIMM
- SODIMM
- ECC-DIMM
- Customized DIMM

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MEMXPRO
Make it Possible