

Data Center Solutions

SMART Memory Expansion for Data Centers utilizing CXL[®]

Advanced Memory for Next-Generation Data Centers

SMART Modular Technologies is delivering serial memory expansion solutions at the forefront of datacenter technology. We're enabling the era of accelerated computing. With advanced memory solutions from SMART utilizing CXL, reducing data center costs, increasing application performance, and ushering new rack-level architectures for artificial intelligence, high-performance computing, machine learning, and communications.

Get the data center memory solution you need from SMART.



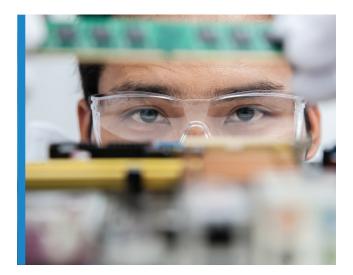
EDSFF 2T Compact Memory Modules (CMM)



SMART Delivers

SMART leverages decades of deep technical and memory application expertise to deliver leading solutions utilizing CXL.

- ASIC and FPGA-based memory modules supporting multiple interconnect standards
- Customization of features like RAS, memory interleaving, performance tuning, and support for low-power mode
- Debug capabilities for memory and Phy
- Custom packaging, processing, and testing



The Broadest Portfolio of Serial Memory Expansion Solutions Utilizing CXL

CXL Specification 2.0 / CXL.mem Type 3

E3.S EDSFF 2T Modules with DDR5*

CMM-E3S	E3.S	64GB, 96GB, 128GB	Single Controller	C-Temp
PCIe Add-in Cards (AIC) FHHL with DDR5* RDIMMs				
CXA-8F2W	8-DIMM	256GB / 512GB / 1TB	Dual Controllers	C-Temp
	8-DIMM	Unpopulated	Dual Controllers	C-Temp
CXA-4F1W	4-DIMM	128GB / 256GB / 512GB	Single Controller	C-Temp
	4-DIMM	Unpopulated	Single Controller	C-Temp

*Persistent (non-volatile) options available in both AIC and E3.S formats



For more information, please visit: www.smartm.com

*Product images are for promotional purposes only. Labels may not be representative of the actual product.

Headquarters/North America:

T: (+1) 800-956-7627 • T: (+1) 510-623-1231 F: (+1) 510-623-1434 • E: info@smartm.com Latin America:

T: (+55) 11 4417-7200 • E: sales.br@smartm.com

EMEA: T: (+44) 0 7826-064-745 • E: sales.euro@smartm.com

Asia/Pacific: T: (+65) 6678-7670 • E: sales.asia@smartm.com Customer Service: T: (+1) 510-623-1231 • E: customers@smartm.com

© 2024 SMART Modular Technologies, a Penguin Solutions brand. All rights reserved. The stylized "S" in conjunction with "SMART", as well as "SMART Modular Technologies" are registered trademarks of SMART Modular Technologies. All other trademarks are the property of the respective owners. These materials are provided by SMART Modular Technologies as a service to its customers and may only be used for informational purposes. 10.30.24/CXLBrochure/Rev.2