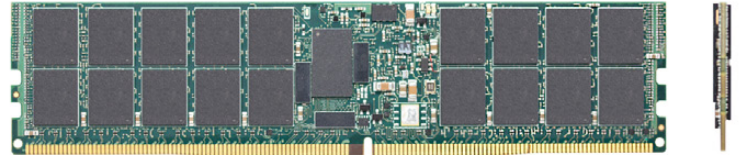
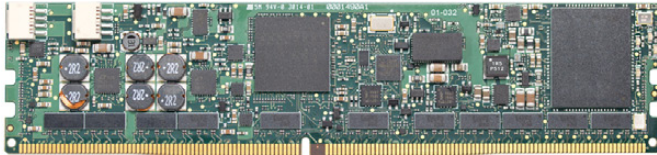


ARXCIS NVDIMM - DDR4

High-Performance Non-Volatile DIMM for Enterprise Critical Applications



ARXCIS NVDIMM

The ArxCis-NV™ is a DDR4 Non-Volatile DIMM, that delivers both performance and reliability to enterprise applications. This non-volatile memory module has been designed to be integrated into Intel's new NVDIMM enabled servers via DDR4 DIMM sockets. Designed to preserve critical data in the event of a power or system failure. ArxCis-NV™ enables the host system to recover from a failure event with simplicity and ease.

Non-Volatile DDR4 Memory

JEDEC Standard DDR4 Interface

Storage Class - Persistent Memory

Customizable Energy Sub-System

100% Data Security

10 Year Data Retention

Unlimited Write Endurance

End-to-End RAS Coverage

PART NUMBER - SPECIFICATIONS & SUPPORT

NVDIMM Capacity		Part Number	Dimensions	
DDR4 8GB NVDIMM		VRA9MR8B2H16	Form factor	DDR4 (288-Pin DIMM)
DDR4 16GB NVDIMM		VRA9MRAB2H32	Dimensions (mm)	133.35 (L) x 3.95 (W) x 31.25 (H)
Motherboard Supported (Supermicro)		Bios Rev	Software Development Kit	
X10DRi(-T)		1.0c	Linux	Centos 7
X10DRH-C/i(T)		1.0c	Kernel	Version 3.10
X10DRT-P/PT/PIBF		1.0c	Save Time	
X10DRT-H/HIBF		1.0a	8GB	<80 sec
X10DRC/i-LN4+/T4+		1.0b	16GB	<160 sec (est.)
X10DRU-i+		1.0c	Restore Time	
X10DRFR(N)(T)		1.0b	8GB	<55 sec
X10DRS-2U		1.00	16GB	<110 sec (est.)

ARXCIS NVDIMM - DDR4

High-Performance Non-Volatile DIMM for Enterprise Critical Applications

ARXCIS NVDIMM Energy Subsystems

The ArxCis-NV™ is a DDR4 Non-Volatile DIMM enabled by an energy subsystem (ESS) which provides enough power to the module in an event of power-loss to safely store all mission critical data. These ESS come in a variety of standard form factors, PCIe, FanBay and SuperCaps without casing. Viking Technology has the ability to customize ESS to fit customer's open slot within the server/storage appliance. Form factors can vary from PCIe, 2.5" drive bays, fan bays, and customized form factors.

Functional Specifications

- Host initiated health monitoring
- Designs charging up to 12V
- Fully charged in 3 minutes
- LED for ESS status

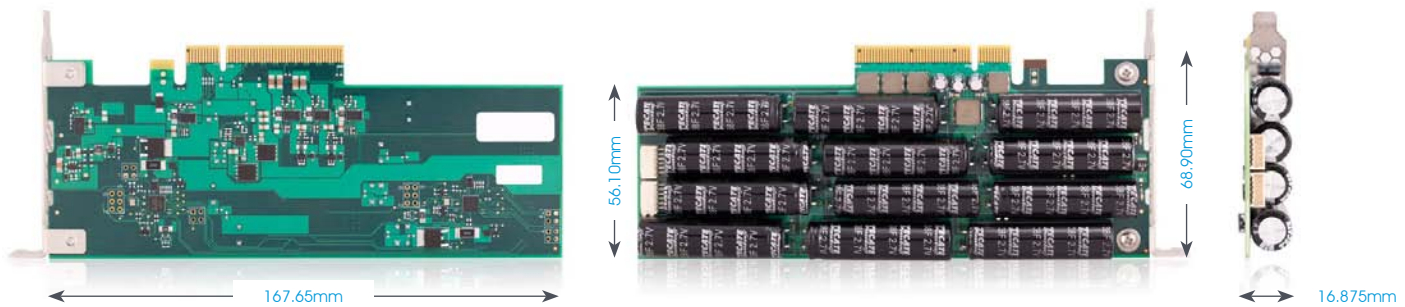
ESS Options

- PCIe ESS (12V) x2* VRCP038FS60P2
- FanBay (w/ Cover) VRCP100FH30F1
- FanBay (w/o Cover) VRCP100FH30B1

Part Number

*PCIe ESS can support up to 2 NVDIMM Modules

PCIe ESS option (16GB available) (support up to two NVDIMM Modules)



Fan Bay ESS option with Casing (8GB & 16GB available)



Fan Bay ESS option without Casing (8GB & 16GB available)



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