

## UCS-MR-X32G2RT-H-AM

Cisco® UCS-MR-X32G2RT-H Compatible Factory Original 32GB DDR4-2933MHz Registered ECC Dual Rank x4 1.2V 288-pin CL17 RDIMM

### Features:

- JEDEC standard Power Supply VDD = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.2V to 3.6V
- Nominal and dynamic on-die termination (ODT) for data, strobe and mask signals
- Low-power auto self-refresh (LPASR)
- Data bus inversion (DBI) for data bus
- On-die VREFDQ generation and calibration
- Dual rank
- On-board I2 serial presence-detect (SPD) EEPROM
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- Selectable BC4 or BL8 on-the-fly (OTF)
- Fly-by topology
- Terminated control command and address bus
- PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free
- Application: Server

### Product Description

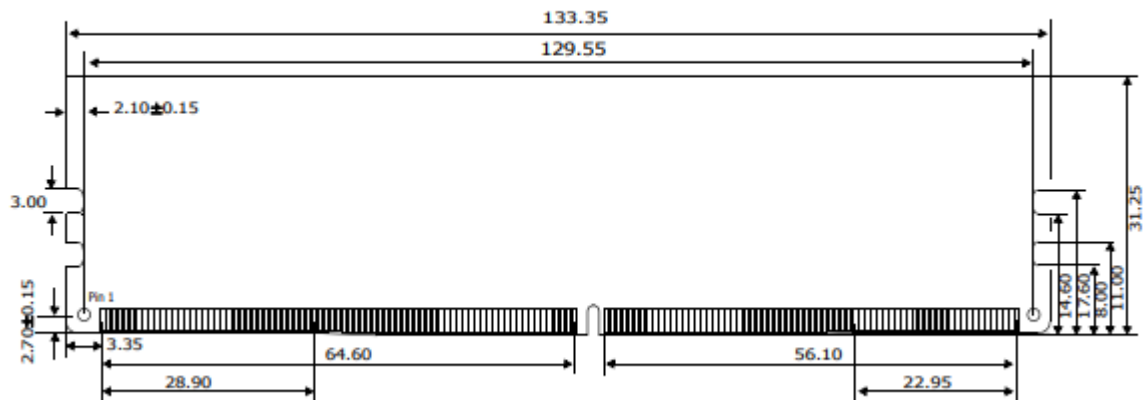
This Cisco® UCS-MR-X32G2RT-H compatible Factory Original 32GB DDR4-2933MHz Registered ECC Dual Rank x4 1.2V 288-pin CL17 RDIMM is 100% guaranteed to be compatible with your system and to work right the first time. Adding additional memory is the best way to increase the performance of your system. All our memory is built to strict JEDEC standards to meet or exceed the Tier 1 OEM's factory requirements. Our products are also guaranteed by federal law to not affect or void OEM warranties.

## Specifications

Parameter	
Form Factor	RDIMM
Technology	DDR4
Memory Size	32GB
Speed	2933MHz
Pins	288
Memory Voltage	1.2V
Chip by Value	X4
Cas Latency	CL17
DIMM Type	Registered
Rank	Dual
Error Correction	ECC
Row Cycle Time (tRCmin)	45.75ns (min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns (min.)
CL (IDD)	17 Cycles
Row Active Time (tRASmin)	32ns (min.)
UL Rating	94V - 0
Operating Temperature	0°C to 85°C
Storage Temperature	-55°C to 100°C
Warranty	Limited Lifetime

## Mechanical Description

All measurements are in millimeters.  
(Tolerances on all dimensions are  $\pm 0.12$  unless otherwise specified)



The product images shown are for illustration purposes only and may not be an exact representation of the product.

## **About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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